## NORTH SLOPE FEDERAL SUBSISTENCE REGIONAL ADVISORY COUNCIL MEETING

## PUBLIC MEETING

VOLUME I

Inupiat Heritage Center Barrow, Alaska March 15, 2017 9:00 a.m.

## COUNCIL MEMBERS PRESENT:

Gordon Brower, Chair Rosemary Ahtuangaruak Esther S. Hugo Lee Kayotuk Wanda T. Kippi

Regional Council Coordinator, Eva Patton

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Page 2 PROCEEDINGS 1 2 (Barrow, Alaska - 3/15/2017) 3 4 5 (On record) 6 7 ACTING CHAIR BROWER: Eva, maybe we can start off on the agenda and do an invocation. And I'd 8 9 like to ask Roy Nageak to start us off this morning, if 10 you could, Roy. 11 MR. R. NAGEAK: Thank you, Gordon. 12 want to give thanks to our Creator God who created all 13 the animals, every fish in the sea, every animal in the 14 sea, and all the animals in the land. Then he created 15 man to go forth and multiply, and suffer all the 16 17 animals for food. Heavenly Father, through your Son Jesus Christ, we thank you for this day to serve people 18 in Barrow and all the whaling villages in the 19 springtime, because we -- for the coming of the great 20 bowhead whale which you have created for our 21 sustenance. Heavenly Father, we always pray that you 2.2 give us the gift of the whale for our people who then 23 24 share (in Inupiag). In everything we do, oh God, you have give us our Inupiaq values to guide us for 25 hundreds of thousands of years. We thank you, that you 26 have allowed us to have the freedom for our children 27 and our grandchildren to do what we have done following 28 our creation with the animals. As we go forth, 29 Heavenly Father, we thank you for blessing us with the 30 resources that we have on the North Slope that our 31 32 nation needs for energy, and our ability to utilize a system that comes with them to tax, so that we could 33 have the financial resources to do what's good for our 34 35 people, along with all the animals that you have created for us. 36 37 38 Heavenly Father, I ask you to guide 39 these people that are to meet together to have the understanding that it's for the good of the people that 40 you create everything. And we thank ye that today we 41 (indiscernible) still to what we have created for us to 42 live off, the beautiful animals for our food. 43 44 you that we are able to create and guide all existing.... 45 46 47 Thank you, Lord, in Jesus' name. 48 49 Amen. 50

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Page 3 ACTING CHAIR BROWER: Amen. 2 3 (In Inupiaq) 4 5 ACTING CHAIR BROWER: Before we do call to order, I need our vice chair -- is it vice chair? 6 Is usually delegated as the Chair for the meeting, and 7 Rosemary is tending to her father's needs, and if she 8 9 could relinquish the Chair over and delegate somebody in Barrow present, it would be appropriate at this 10 time. 11 12 13 MS. AHTUANGARUAK: Yes, thank you. And 14 I appreciate that, Gordon. 15 16 ACTING CHAIR BROWER: Yeah. Rosemary, 17 is there somebody you want to delegate as the Acting Chair for this meeting? 18 19 20 MS. AHTUANGARUAK: Yes, Gordon, if you could go ahead and take the Chair, or one of you that 21 are in the conference area where the activities are, 2.2 that would be greatly appreciated. There is so much 23 24 more that is shared in the process when you're in the room than when you're on the telephone, and it's 25 important to task one of you all there. 26 27 28 So thank you. I appreciate that. 29 ACTING CHAIR BROWER: 30 Thank you, Rosemary. Atqasuk, Kaktovik, any of you have any 31 32 objection to me taking the Chair, or would one of you want to Chair the meeting. 33 34 35 MS. KIPPI: No objections from Atgasuk. 36 No objections. 37 MR. KAYOTUK: 38 39 ACTING CHAIR BROWER: All right. have unanimous, Gordon Brower will be Acting Chair 40 today. 41 42 Thank you very much, and we'll call the 43 44 meeting to order at 9:23 a.m. 45 46 And Madame Secretary, if you could do the roll call. 47 48 49 MR. KAYOTUK: Good morning, Mr. Chair 50

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Page 4
     or whatever you.....
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                     ACTING CHAIR BROWER: Oh, I apologize.
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     I thought it was Eva doing the roll call, but, Lee, I
     didn't mean to call you Madame.
                                       I apologize.
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 6
 7
                     MR. KAYOTUK:
                                   Thank you, Gordon.
     like to call the Board members here if they're present.
 8
 9
                     Gordon R. Brower.
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11
                     ACTING CHAIR BROWER:
12
                                            Present.
13
                     MR. KAYOTUK:
                                    2011, 2017. Number 2,
14
     2011, 2019, Robert V. Shears.
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17
                     MS. PATTON: Mr. Chair and Council.
     Robert just stopped in this morning and let us know
18
     that he was just hired into a directorship position
19
     with the Borough and had to attend to that today. He
20
     was hoping he'd be able to stop in tomorrow for some
21
     important action items, but he will not be here today.
2.2
23
24
                     Thank you.
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26
                     MR. KAYOTUK:
                                   Number 3, 2016, 2018,
27
     Esther S. Hugo, Anaktuvuk Pass.
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29
                     (No comments)
30
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                     MR. KAYOTUK: Number 4, 2015, 2019,
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     Wanda T. Kippi, Atqasuk.
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34
                     MS. KIPPI: Present.
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                     MR. KAYOTUK:
                                   Number 5, 2017, vacant.
36
     Number 6, 2017, vacant. Number 7, 2015, 2019, Steve A.
37
     Oomituk, Point Hope.
38
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                     MS. PATTON: Mr. Chair and Council.
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     Steve was not able to travel to Barrow today. He will
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     be able to join us by teleconference tomorrow, so he'll
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     be on all day tomorrow.
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44
45
                     Thank you.
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47
                     MR. KAYOTUK:
                                   Number 8, 2015, vacant.
     Number 9, 2006, 2018, Lee Kayotuk, Kaktovik. Present.
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 $\mbox{Number 10, 2009, 2018, Rosemary } \mbox{Ahtuangaruak, Barrow.}$ 

MS. AHTUANGARUAK: Present.

MR. KAYOTUK: Mr. Chair, that's Regional Advisory Council board members at this time.

ACTING CHAIR BROWER: Yeah, thank you,

10 Lee.

And I don't think we've established a quorum, but we will proceed informational. Those that need action item will be delayed until such time we establish a quorum.

2.2

MS. PATTON: Mr. Chair and Council. Esther Hugo is scheduled on a flight this morning, and so will arrive this afternoon. Currently we have seven Council members on the Council with the vacant seats, so we need five members to establish quorum. And Rosemary is on teleconference, and her participation is part of quorum and taking action. So Esther should arrive this afternoon.

Thank you.

ACTING CHAIR BROWER: Just a question. When Esther arrives, will we be able to establish a quorum should we have something as an action item?

MS. PATTON: Mr. Chair and Council. Yes, when Eva arrives, we will be able to establish quorum and take action.

There are a number of items on the agenda that are some of our standard Council work items that do require a motion and action by the Council. Approving the minutes, approving the annual report of the Council. Review and approval or any edits to that report. And we do have election of officers for the Council to establish and Chair and Vice Chair and Secretary. And so those are all presently needing action for quorum.

The main -- important business of the Council is if the Council wishes to develop any Federal subsistence wildlife proposals. This is the meeting to do that, and we will have updates in particular on the

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ACTING CHAIR BROWER: (In Inupiag) Good morning from Barrow.

42 43 44

MR. GALLOWAY: Good morning.

45 46 47

ACTING CHAIR BROWER: I need to correct myself. I think the change is official. It's Utgiagvik now. We've got to learn how to say Utgiagvik more often.

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Page 7
                     MR. GALLOWAY: Yeah.
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                     ACTING CHAIR BROWER: (In Inupiag) on
 3
     line. Who else is on line.
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 5
 6
                     (No comments)
 7
                     ACTING CHAIR BROWER: Okay. Hearing
 8
 9
     none, we'll start with introductions with agencies and
     participants in the meeting here in Utqiagvik. And if
10
     you can come up to the mic, introduce yourself, who
11
     you're affiliated with would be proper.
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13
14
                     Thank you.
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16
                     MS. PETRIVELLI: Well, I'm Pat
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     Petrivelli with BIA, and I'm the subsistence
18
     anthropologist. I work out of Anchorage.
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                     ACTING CHAIR BROWER:
                                           Thank you, Pat.
21
2.2
                     MR. SCANLON: Good morning. My name is
     Brendan Scanlon. I'm a fishery biologist with the
23
     Alaska Department of Fish and Game, and tomorrow I'm
24
     going to have a short presentation on some FRMP
25
     research projects.
26
27
28
                     Thank you.
29
30
                     ACTING CHAIR BROWER: Very good.
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32
                     Thank you, ADF&G.
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34
                     MR. EVANS: Good morning. Mr. Chairman
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     and members of the Council. My name is Tom Evans.
     the wildlife biologist for OSM, the North Slope, and
36
     the Southcentral, and the Kodiak-Aleutians Councils.
37
38
39
                     ACTING CHAIR BROWER:
                                           Thank you, Tom.
40
                     MR. KLIMSTRA: Good morning.
41
     is Ryan Klimstra, a biologist for Alaska Department of
42
     Fish and Game.
43
44
45
                     ACTING CHAIR BROWER:
                                           Good morning,
46
     Ryan. (In Inupiaq)
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                     MR. R. NAGEAK:
                                     Roy Nageak, Sr., Bureau
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     of Land Management, natural resource specialist in
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Page 8
     Barrow office.
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 3
                     Thank you.
 4
 5
                     ACTING CHAIR BROWER: Good morning,
 6
     Roy.
 7
                     (In Inupiag)
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 9
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                     MR. E. NAGEAK:
                                     (In Inupiaq)
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                     I was born and raised in Barrow.
12
     lived here all my life. Since I grew up the
13
     subsistence way of life, I've been involved with
14
     subsistence activities with the -- I started off with
15
     the State Fish and Game, then the Village of Barrow
16
17
     wildlife department, our local Native tribal
     government, Native Village of Barrow, and now have been
18
     working for U.S. Fish and Wildlife Service for the past
19
     five years as Alaska Native affairs specialist for the
20
     North Slope in the Barrow region.
21
2.2
23
                     And we just got done with our Native
24
     relations training we host every year, so we have a
     couple of my fellow students behind me. We were taught
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     how to introduce ourselves, and, you know, let our
26
     lineage out and where we come from. And, you know, we
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     might have something in common during breaks, and might
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     want to have interactions, so.....
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31
                     ACTING CHAIR BROWER:
                                            (In Inupiag)
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33
                     It was a great introduction, and I
34
     appreciate that.
35
                     MR. COGSWELL:
                                    (In Odawa) Hi.
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37
                     My name is Stewart Cogswell, and I just
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39
     spoke to you -- Mr. Chairman and members of the Board.
     I just spoke to you in Odawa. I am from Wisconsin.
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     I'm a member of the Little River Band of Odawa Indians,
41
     and I am very happy to be here today. So I was born in
42
     Michigan to Stewart and Sharon Cogswell. And my Native
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     village is on my father's side. My grandpa was Francis
44
     Cogswell, and born in Michigan. And I moved to
45
     Wisconsin, and lived most of my life in Wisconsin with
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47
     my mother. And I've been working for the Fish and
     Wildlife Service for 23 years -- or 26 years now, and
48
     23 of those were in Green Bay, Wisconsin as a fish
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biologist. I love my job, thought I had the best job ever, but I did a detail in Bethel with Gene Peltola at the Yukon Delta National Wildlife Refuge, and sort of fell in love with Alaska. And there was a job opening a year later, and I got hired, and I've been in Alaska for two and a half years now, and I love it. So my heart is with -- I grew up in a subsistence lifestyle, a little bit different than here, but, you know, we gathered berries and fruits, and we hunted deer. We ate a lot of white sucker, which people don't -- even back there, they're like, what? You ate white sucker? But, yeah, it was a big staple for us. I tell all my friends it was salmon, but it was white sucker.

And so my current job is the fisheries division chief for the Office of Subsistence Management.

And I'm very thankful to be here.

Thank you.

ACTING CHAIR BROWER: Thank you, and that was a great introduction. And I really appreciate those that have a heart to be around and work with subsistence and I think it's a great opportunity for folks that come from other places. And I appreciate your introduction.

MR. REAM: Good morning, Mr. Chair and members of the Council. My name is Joshua Ream. My Tlingit name, adopted Tlingit name is (in Tlingit). I was a few years ago adopted into the (In Tlingit) clan of the Stikine Tlingit. I'm originally from southwestern Pennsylvania, both sides of my family are from there. Both sides traditionally would have been from Germany.

I've been in Alaska for more than 10 years. I've been with the Office of Subsistence Management for about nine months now. And before that I was with the Division of Subsistence at the State. Last year I finished a doctoral degree at the University of Alaska Fairbanks in ethnobiology. So I do have some working knowledge that's interdisciplinary both in biology and in anthropology.

 $\,$  I have been assigned to the North Slope and to the Northwest Arctic, and then I help out

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Page 10 elsewhere in the State when possible. 2 So I look forward to continuing to 3 4 getting to know you and to working with you, and to 5 doing good work. 6 7 Thank you. 8 9 (In Inupiaq) ACTING CHAIR BROWER: 10 Any other introductions. 11 12 (Indiscernible on teleconference, 13 breaking up) 14 15 16 ACTING CHAIR BROWER: All right. 17 on line and hasn't muted that is talking over. We're hearing the conversation, if you haven't muted 18 19 yourself. 20 But if you haven't introduced yourself 21 yet, we're introducing folks that are present in 2.2 Barrow. Let us finish that before we go back to see 23 who's on line that hasn't introduced themselves yet. 24 25 Go ahead. 26 27 MR. TWITCHELL: Good morning. Chair. 28 Council members. My name is Adam Twitchell. I was 29 born in Anchorage, but grew up in Takotna, Alaska. I'm 30 a member of the Orutsararmiut Tribe from Bethel. My 31 32 parents were reindeer herders on my grandmother and grandfather's side, Lakwanme Jensen, Ellen Marie. 33 my father's side, my father married into -- a Native 34 35 lady, Irene Kochik from the Kasigluk area, and continued to herd reindeer and live in the Lower 36 Kuskokwim area for the rest of their lives. 37 38 39 Currently I'm the assistant manager for Arctic National Wildlife Refuge. I've been there for 40 eight years now. Prior to that I worked three years on 41 Yukon Delta National Wildlife Refuge, and prior to that 42 I worked 15 years at Denali National Park, and 10 years 43 44 at Lake Clark National Park. So I am -- sort of a diverse western and northern part of the State, and 45 46 I'll be addressing the Council on a number of issues a 47 little bit later in the meeting. 48

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Thank you.

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Page 11
                     ACTING CHAIR BROWER:
                                            Thank you, Adam.
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 2
 3
                     And maybe our recorder.
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 5
                     MS. HALL:
                                Lynn.
 6
                                            Thank you, Lynn.
 7
                     ACTING CHAIR BROWER:
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 9
                     Anybody else on line that has not
     introduced themselves, it's an opportunity now to
10
     introduce yourself.
11
12
                     MS. ROBINSON: Good morning, Council.
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     My name is Hilary Robinson. I am the chief of
     resources at Western Arctic National Parklands, which
15
     include Noatak National Preserve, Cape Krusenstern
16
17
     National Monument, and Kobuk Valley National Park.
     am listening into the RAC meeting today in case there
18
     are any questions that the Council has that relate to
19
     what is happening in our parklands, that I'm able to
20
     answer those. I believe also Marcy Okada is there in
21
     person from Gates of the Arctic National Park and
2.2
     Preserve. I'm happy to be here listening in, and if I
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24
     can be helpful in answering questions, I'm here to do
     that.
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26
27
                     Thank you.
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                     ACTING CHAIR BROWER:
29
                                            Thank you,
     Hilary. And if Marcy's here, she's got her cloak on,
30
     because she's invisible. So maybe she'll com in later.
31
32
                                    Oh, okay.
33
                     MS. ROBINSON:
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                     MS. PATTON: Mr. Chair and Council.
     Marcy also was on that flight coming to Barrow
36
     yesterday that got canceled, so she'll be on the flight
37
     this morning. Marcy and Esther will be arriving on the
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39
     same flight together, and due in roughly probably
     around noon, so they'll be able to join us after lunch.
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41
42
                     ACTING CHAIR BROWER:
                                            Thank you, Eva.
43
44
                     And when they arrive, we will
45
     acknowledge their presence.
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47
                     Anybody else on line.
48
49
                     (No comments)
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ACTING CHAIR BROWER: All right. 2 Hearing none, then we have item 5, review and adoption of agenda. What's the wish of the RAC. 3 4 5 MS. PATTON: Mr. Chair and Council. do have a couple additions to the agenda from when the 6 7 meeting book was printed, which goes out guite some time ago. One important addition is we have Hollis 8 9 Twitchell here from Arctic National Wildlife Refuge who also was on of the primary people serving in the review 10 of the Alaska Native Relations Policy, and the U.S. 11 Fish and Wildlife Service policy. 12 13 14 ACTING CHAIR BROWER: Yeah. If you could maybe just find a spot where those require new 15 additions would be, and then they can introduce that at 16 17 the appropriate time, so we don't have to like duplication of efforts or something. 18 19 20 MS. PATTON: Sure. You bet. So we had added them under -- Alaska Native Relations under new 21 business, E. And we did have a couple potential 2.2 changes to the agenda to make sure that we can 23 24 accommodate both when we have quorum and key Staff that -- or key Council members, that there's updates of 25 interest to Anaktuvuk Pass in particular. And Marcy 26 Okada will be arriving this afternoon, if there's an 27 28 opportunity for her to provide the Gates of the Arctic 29 National Park update, either this afternoon or first thing tomorrow morning. And similarly we have Brendan 30 Scanlon who will have an update in part on the 31 32 Chandalar Lake project to be able to..... 33 34 ACTING CHAIR BROWER: Eva, maybe just 35 for some clarity. 36 37 MS. PATTON: Sure. 38 ACTING CHAIR BROWER: Is that on Item 39 12, agency report for Marcy. 40 41 42 MS. PATTON: Correct. Both Brendan and Marcy were under agency reports, under Item 12, Gates 43 44 of the Arctic National Park NPS. And then ADF&G -- I'm sorry, we had a Fisheries Resource Monitoring program 45 46 updates. And those were under agency reports. 47 48 ACTING CHAIR BROWER: Yeah. It appears

they're on the list already, and so.....

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MS. PATTON: Uh-huh. It is just a
     matter of timing, that Marcy has to leave tomorrow, so
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     she would need to present either today or first thing
 3
 4
     tomorrow morning.
 5
 6
                     ACTING CHAIR BROWER:
                                           Okay.
                                                  You're
 7
     suggestion is where do we put Marcy. Before Item 12?
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 9
                     MS. PATTON:
                                  Sure.
                                         We could have Marcy
10
     present this afternoon. That would be an option
     since....
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12
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                     ACTING CHAIR BROWER: And, Eva, is that
14
     an action item we're needing a quorum, or is that
     informational?
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17
                     MS. PATTON: That is an informational
18
     update.
19
20
                     ACTING CHAIR BROWER:
                                           Okay. So there's
     a wish to place Marcy Okada somewhere else other than
21
     agency report, because of her -- she's going to have to
2.2
     depart early or something like that.
23
24
25
                     MS. PATTON:
                                  Yes.
                                        Uh-huh.
26
                     ACTING CHAIR BROWER: Yeah, I would
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28
     need your suggestion as to where you want to put her.
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                     MS. PATTON: Okay. We could this
30
     afternoon have Marcy present, if that would work well
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32
     for the Council. And that way she would be able to
     make sure to get time to have her presentation and any
33
     discussion and questions with the Council.
34
35
                     ACTING CHAIR BROWER:
                                           Is it new
36
     business, or would that be considered something that we
37
38
     know about and it's an update that could be under old
39
     business at front, at Number 10?
40
                     MS. PATTON: Sure, it could go under
41
     old business, and, in fact, some of it is updates
42
     following up from the fall meeting.
43
44
45
                     ACTING CHAIR BROWER:
                                           Okay.
                                                  Suggestion
46
     that we put Marcy at old business.
47
48
                     MS. PATTON:
                                  Okav.
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MS. AHTUANGARUAK: So move. 1 2 ACTING CHAIR BROWER: There's a motion 3 on the floor to adjust the agenda to -- is it National 4 5 Park Service? 6 7 MS. PATTON: Yes. Gates of the Arctic. 8 9 ACTING CHAIR BROWER: To put National Park Service, Marcy Okada, under old business, Item 10. 10 What's the wish. 11 12 MR. KAYOTUK: Mr. Chair. So move for 13 Marcy Okada to Number 10 under old business at this 14 time. 15 16 17 ACTING CHAIR BROWER: Yeah. I think we just needed a second to do that. I think there was a 18 motion on the floor. 19 20 Second it. 21 MR. KAYOTUK: 2.2 ACTING CHAIR BROWER: Questions. 23 24 have any -- all those in favor of moving Marcy Okada to Item 10 signify by saying aye. 25 26 27 IN UNISON: Aye. 28 29 ACTING CHAIR BROWER: All right. adjusted where Marcy should be to expedite her report. 30 Any other. 31 32 MS. PATTON: Mr. Chair and Council. 33 One other maybe little bit of a rearrangement, if it 34 35 works for the Council. We have Ernest Nageak with us here today. He may not be able to be here tomorrow, 36 and his would be an informational update that we don't 37 38 need quorum for, just to introduce himself and his work 39 to the Council. We may have (Indiscernible) Nageak also with the Barrow field office, and she had thought 40 she might be stopping in if she had a chance. And so 41 those are informational updates. It would a wonderful 42 chance for them to, especially as we have new Council 43 members, to share a little bit of their work with the 44 Council. 45 46 47 ACTING CHAIR BROWER: Eva, can we put that under old business as well, maybe old business, 48 49 Item B or something? 50

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MS. PATTON: Sure. That would be great. And then since that's informational to this 2 area, that could happen this morning, too, if there was 3 time after the Council has welcome and introductions 4 5 and Council member reports. 6 7 ACTING CHAIR BROWER: Well, Eva, I think we're past item 4, welcome and introductions, and 8 9 we're in review and adoption of the agenda, so it would have to be somewhere.... 10 11 MS. PATTON: Pardon me, Mr. Chair. 12 was thinking under -- after Council member reports and 13 the Chair's report. We have public and tribal comment 14 on non-agenda items, and we could fit in Ernest after 15 16 that. 17 ACTING CHAIR BROWER: Are you thinking 18 19 about under reports adding Ernest right after Chair's 20 report. 21 2.2 MS. PATTON: Yes, that would be great 23 or right after public and tribal comment on non-agenda 24 items. 25 ACTING CHAIR BROWER: All right. 26 There's a consideration to put Ernest from the Fish and 27 Wildlife Service maybe as an item under 9, public and 28 tribal comments, non-agenda items, just before old 29 business, and make it an Item A. 30 31 32 MS. AHTUANGARUAK: So move 33 ACTING CHAIR BROWER: 34 There's a motion 35 on the floor to move a report for informational from Ernest Akungnyuk (ph) for Fish and Wildlife Service as 36 an Item 9(a). 37 38 39 MS. KIPPI: Second the motion. 40 ACTING CHAIR BROWER: All right. 41 Seconded by Atqasuk. Any discussion. 42 43 44 MR. KAYOTUK: Correction, Mr. Chairman. 45 Ernest Nageak. 46 47 ACTING CHAIR BROWER: You know, what I was thinking about a story so much, because Ernest used 48 to be a chief at Utqiagvik a long time ago, and I 49

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Page 16 listened to my dad. 2 MR. KAYOTUK: That's my (in Inupiaq), 3 4 so I have to be heard. 5 ACTING CHAIR BROWER: 6 Yeah. T think 7 about those old stories sometimes and then I say Akungnyuk when I hear Ernest. 8 9 10 Thank you, Roy, for the correction. 11 Any discussion. 12 13 MS. AHTUANGARUAK: Are we ready to call 14 for the question on the rest of the agenda. 15 16 17 ACTING CHAIR BROWER: Question's been 18 called for. All those in favor of adding Ernest Nageak from Fish and Wildlife Service, informational, under 19 Item 9 as A signify by saying aye. 20 21 2.2 IN UNISON: Aye. 23 24 ACTING CHAIR BROWER: All right. got Earnest as item 9(a). I think we didn't vote to 25 amend the agenda under new business to have item (e), 26 but we did move Marcy to old business. The Alaska 27 Native Relations, and who was going to do that. 28 29 MS. PATTON: Mr. Chair and Council. 30 We have Hollis Twitchell with Arctic National Wildlife 31 32 Refuge, and he'll be providing that update. 33 ACTING CHAIR BROWER: 34 There's a 35 suggestion on the floor from the coordinator to amend the agenda under Item 11 to add (E), Alaska Native 36 Relations, Hollis Twitchell. 37 38 39 MS. AHTUANGARUAK: So move. 40 ACTING CHAIR BROWER: There's a motion 41 on the floor to add Item E, Alaska Native relations. 42 43 44 MS. KIPPI: Second the motion. 45 46 ACTING CHAIR BROWER: Seconded by 47 Atgasuk. Any discussion. 48 49 MS. AHTUANGARUAK: Call the question. 50

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ACTING CHAIR BROWER: Ouestion's been called for to add Item 11(e), Alaska Native relations, 2 Hollis Twitchell. Signify by saying aye. 3 4 5 IN UNISON: Aye. 6 7 ACTING CHAIR BROWER: Any other suggested changes to the agenda. 8 9 MS. PATTON: Mr. Chair and Council. 10 may work seeing how the meeting proceeds to be 11 flexible in terms of the remaining agency reports. 12 things are moving along and we don't have quorum for 13 the action items, then we can take up the remainder of 14 the agency reports as it works well for the Council. 15 16 17 ACTING CHAIR BROWER: There's a suggestion on floor from the coordinator to be very 18 flexible as agency reports, action items are not able 19 to be conducted, those that are informational, if the 20 opportunity arises to get those out of the way. 21 2.2 MS. PATTON: Mr. Chair and Council. 23 And our plan was, too, to have the critical wildlife 24 reports, in particular caribou reports and other 25 reports, prior to the Council taking any deliberation 26 on the submission of a Federal subsistence wildlife 2.7 proposal, if the Council wished to do so. So we try to 28 bring those together so the Council has the latest 29 information to consider. So that's kind of combined 30 with that action item, so we would get those reports 31 32 prior to the Council considering Federal subsistence wildlife proposals. 33 34 35 ACTING CHAIR BROWER: Yes, Eva and members of the Council, I think there's not a spot to 36 put that on the agenda, but I think we should remain 37 flexible and accommodate when we don't have a quorum to 38 39 be able to get some of these presentations off of the way until we establish a quorum to do the actual items. 40 And I think the Council here would be amenable to do 41 that. 42 43 44 Any other changes to the agenda. 45 46 (No comments) 47 ACTING CHAIR BROWER: 48 What's the wish

of Council as the agenda's been modified.

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MS. AHTUANGARUAK: This is Rosemary. agree. We live in an area where it's really hard for 2 us to pull all membership together, and working through 3 the opportunities of making sure information is 4 distributed and shared, and opportunity discussed by 5 making sure that we take shape the schedule to the 6 needs to be on the schedule when we need a quorum. 7 I really appreciate the Staff and all their efforts to 8 9 work with this complex process and trying to get us through what we need to do. So think you all. 10 11 12 ACTING CHAIR BROWER: Thank you, 13 Rosemary. 14 And we have an agenda that we've 15 16 amended, and I think we need a motion to adopt the 17 revised agenda. 18 19 MS. AHTUANGARUAK: I so move to adopt 20 the revised agenda. 21 ACTING CHAIR BROWER: 2.2 There is a motion 23 on the floor to adopt the agenda as revised. 24 MR. KAYOTUK: Seconded, Mr. Chair --25 Vice Chair. 26 27 28 ACTING CHAIR BROWER: Seconded by Kaktovik. Lee. Any discussions. 29 30 Call for question. 31 MR. KAYOTUK: 32 ACTING CHAIR BROWER: Question's been 33 called for. All those in favor of adopting the agenda 34 35 as amended signify by saying aye. 36 37 IN UNISON: Aye. 38 39 ACTING CHAIR BROWER: We have an agenda, so we're able to start to conduct business. 40 41 Item 6, election of officers. I think 42 we need to make a motion to table that as we are few in 43 44 number today, and election of officers should be when we're a full board and capable of having a real vote in 45 46 person. 47 MS. PATTON: Mr. Chair and Council. 48 49 Again this afternoon we will have quorum when Esther 50

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Hugo arrives, and tomorrow Steve Oomituk had planned to participate, so we will have quorum. And since we are missing with the retirement, early retirement of long-time Chair Harry Brower, Jr., we have been missing an actual Chair. Rosemary as the Vice Chair has been acting in the capacity of Chair. So tomorrow would be good. When we have quorum, the Council can take up election of officers so we can fill the Chair's seat.

## Thank you.

ACTING CHAIR BROWER: Thank you, Eva. So Item 6, maybe we can postpone that to tomorrow when we establish a quorum. Or what's the wish of the commission. A lot of times under Robert's Rules of Order, when we're going to conduct an election of officers, usually you need to be present, but I will take the advice of the coordinator that you can participate and vote through -- even if you're on the teleconference.

 So we're on Item 6. Do we want to postpone that until tomorrow or table it to our next meeting. What's the wish of the Council.

MR. KAYOTUK: Mr. Vice Chair. I'd like to table it for tomorrow until we have a full quorum established to move forward on this Item 6 of election of officers.

ACTING CHAIR BROWER: Thank you, Kaktovik, Lee. And just for purposes of being correct, Rosemary's actually the Vice Chair. We don't have a Chairman. And if Rosemary was present, she would have to act as Acting Chair. She's not present, and you need to have somebody present to chair the meeting. And so Rosemary relinquished the Chair to myself, so I'm Acting Chair, not Acting Vice Chair. Right?

MS. PATTON: Correct.

ACTING CHAIR BROWER: And Rosemary's still the Vice Chair.

So with that, there's a motion from Kaktovik to table -- not table, to postpone the election of officers until we get a quorum tomorrow.

MS. KIPPI: I'll second the motion.

ACTING CHAIR BROWER: The motion is 2 seconded. Any discussion. 3 Call for question. 4 MR. KAYOTUK: 5 6 ACTING CHAIR BROWER: Question has been called for. All those in favor of postponing the 7 election of officers until we get a quorum tomorrow, 8 signify by saying aye. 9 10 IN UNISON: Aye. 11 12 13 ACTING CHAIR BROWER: All right. 14 6 is postponed until tomorrow, until we get a quorum. 15 16 That brings us to Item 7, review and 17 approve previous meeting minutes. And I'm going to ask for advice from the coordinator. Can we without a 18 quorum approve the minutes or do we need the quorum. 19 20 MS. PATTON: Mr. Chair and Council. 21 is an action item for the Council to review the minutes 2.2 and feedback for any edits, additions, and to approve 23 24 the minutes either as written or with edits. And so it requires a quorum to have an official mote on that, so 25 again we'll have Esther Hugo this afternoon and Steve 26 tomorrow, so we can take up those action items either 27 28 later today when we have quorum. 29 ACTING CHAIR BROWER: All right, Eva. 30 It appears that we cannot take action on the minutes 31 32 until we get a quorum. We may get one this afternoon. And there's a lot of adjusting still going on here. 33 there's a recommendation to move that maybe to this 34 35 afternoon. And what's the wish of the Council. We'll get a quorum this afternoon as folks are en route and 36 had airplane problems so that I heard of. But still we 37 38 will get a guorum this afternoon. So need some -- we 39 can move that to this afternoon sometime. 40 MS. AHTUANGARUAK: So move. 41 42 ACTING CHAIR BROWER: Motion on the 43 44 floor to move the review and approve previous meeting

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MS. KIPPI: Second the motion.

49 50 minutes to sometime this afternoon when we establish a

quorum. And that's the motion on the floor.

ACTING CHAIR BROWER: It's been second 2 by Atqasuk. And any discussion. 3 4 MR. KAYOTUK: Call for question. 5 ACTING CHAIR BROWER: 6 Question's been 7 called for to do Item 7, review and approve previous meeting's minutes when we establish a quorum this 8 9 afternoon. Signify by saying aye. 10 IN UNISON: Ave. 11 12 ACTING CHAIR BROWER: All right. 13 7 is effectively moved until we get a quorum, any time 14 we get a quorum, we'll take up that action. 15 16 17 And it brings us to Item 8, reports. And maybe we'll start off with Atgasuk. And it's 18 19 always good to hear from your region what your concerns are, what your experiences were, and it's always good 20 to introduce yourselves. 21 2.2 23 But I want to also emphasize we are 24 very short-handed. We have at least three vacancies. We need more -- I think Harry Brower has resigned as 25 he's a new mayor. And I'm hoping the other communities 26 that should try to submit nominations for their 27 community. I don't know if nominations are closed, but 28 we really need to make sure the North Slope communities 29 are represented, and not just overwhelming from Barrow. 30 I know a lot of times I've heard OSM say, so long as 31 32 you're from the North Slope, it's good, but we actually want to make sure we're fully represented by 33 communities that are on the North Slope. 34 Sometimes 35 it's hard to speak on their behalf if we have a distance relationship, you know. If you had a -- if I 36 had a long-distance relationship, it would be hard to 37 maintain that and it kind of leads to divorce 38 39 sometimes. I just thought I'd express that. It's good to have membership from communities, and it's important 40 to hear from all of our villages. 41 42 So with that, I'll start off with 43 44 Atqasuk. 45 46 MS. KIPPI: Good morning. My name is 47 Wanda Kippi from Atqasuk. Thank you, Gordon. 48 At this time I don't know what to 49

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report right now. The only thing I could think of is that our hunting season was a little slow due to bear. There was a lot of bears in our area, around the Kuluruak area last year, and they scared the caribou and the reindeer away from that area, about five or six miles radius, so there was hardly any caribou for a while around that area, and had to go pretty far to go hunt this year.

And I haven't any reports from the community, and I had asked if we had any proposals to bring here today, and I didn't receive any from the city or from the community.

That's all I have.

Thank you.

ACTING CHAIR BROWER: Thank you, Wanda. And while we're under the Council members reports, and before we conclude, you'll have an opportunity to supplement that if you kind of remember something.

So with that we'll go to Kaktovik.

Lee.

MR. KAYOTUK: Thank you. We had a pretty rough winter I guess, not rough, but really windy weather, you know. Recently we just had like 80 miles an hour like a couple weeks ago, which was very devastating weather to have. And no one's really been out camping more than two months, because of the weather.

We got like some caribou east of us, probably reindeer like 26 miles east of Barter Island. Other than that, no snow, no polar bears yet, which is pretty good. But no one's really been out on the land yet due to high winds and weather the past two months, so everybody's just been hanging around the village and hunting from the village, and now we're getting a lot of time (ph) in the village, which is good, must be a sign of spring, but other than that, no one's really been out hunting during this time for the past two months, so hopefully this coming couple of weeks people will get out and try to harvest more meat for the village.

Thank you.

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ACTING CHAIR BROWER: Thank you,

Kaktovik. Lee.

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And, Rosemary, did you want to add from where you're at, and maybe there's some part of.....

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MS. AHTUANGARUAK: Yes. This was a really interesting year for us, but we went through our loss with mom, and having family from every village share food with our family was very helpful and appreciated. Mom was able to get every type of food that she requested with different nieces and nephews and cousins that shared. Walrus was a little bit hard to find. We would have to put a few more requests for that, but it -- we always were able to get the varieties of food. And it's a really important part of our culture, the sharing of our foods, bearing in this, and a family needing assistance, and I think that was really important to bring out as part of some of these discussions that go on. It was a very extensive sharing network that provides for our families, and without knowing resources would just come with just the families sharing discussions of different types of food and the next thing another cousin would come knocking on the door. The importance of these opportunities are really important to continue to nourish into the future.

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Thank you.

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ACTING CHAIR BROWER: Thank you, Rosemary, and I think those are well-taken. They're good points.

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I guess I'll do my report as just a Council member. And then -- yeah. Our fishing was very difficult from the reports that we got. The fish were running good, but the temperature in order to preserve when we're trying to get a lot of fish to preserve them, especially when they're -- you need to freeze the right away to preserve the eggs and things like that, was difficult. If you went fishing and your brought your catch home immediately and stored it, you were the lucky one. If you left it up there and stored it up there, the weather was such that your fish, you know, got rotten. And I heard that from more than one fisherman. And I think for this region around Barrow,

you know, it's for the broad whitefish during the spawning time, which is a big deal. And that was one of the difficulties of last fall was the temperature.

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I think caribou was pretty good, and some of the folks that got caribou, even though they were -- you had to look for them, but in the fall time just before the rut that was pretty good caribou.

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There were still concerns about the USGS connexes hat they use for shelters, that they have disturbed the migration for -- I've heard this repeatedly for at least four years now, where caribou were abundant and moved through corridors, and that includes me in my area by Akavera (ph), Chipp Ford area. They're not coming through there any more. I've heard from folks by PK13, Nyak Camp, that those connexes where USGS put a science project over there, and when I took an observation of them, they had like 11 little real bring red little tents, like a classroom setting. And when we went an hovered over with a helicopter and looked at them, they put it right on the main trail of those -- you could see it from when you're way up, the big trail to that would come up between Aluktuk and Chipp and Ikpikpuk and go out towards Ishuluminik (ph). And that trail is not being used any more, and I've worked really hard to find out where they're crossing again. And I think I know where they're crossing. They moved to the west side by Kalovik (ph), those Kalovik cows, and following those big nugmuks (ph) going up. But you can intercept them. Another 25 miles up they kind of come back around. that was some of the big concerns for a long time.

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49 50 And from my own work, we've been visiting a lot of villages with comprehensive plan, and they're worried about subsistence. And in the comprehensive plans that required by the State of Alaska, under statutory laws, and required by the charter and code of the Borough, we have to develop what is called an area of influence for each community. Their hunters from their use pattern will make and draw an area of influence, and those are described as areas we would do more to protect in case of development, in case of disturbance, to advise operators when you're in these area of influence, the policies to protect subsistence is highlighted. And I think that needs to be also conveyed to OSM. When we're looking at concerns like from Unit 23, because for many, many

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years we hear the concerns out of Squirrel River. You all know where Squirrel River is, right?

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And Tom is trying to go to sleep over here. When we start doing important talk, he closes his eyes and start nodding off, and I'm going to give you a shot of coffee here pretty soon.

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(Laughter)

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ACTING CHAIR BROWER: Because I think these are important, and not to go to sleep while Council members want you to hear the concerns of our communities in terms of subsistence. How best to approach subsistence and the needs of our communities under the terms of food security, because we can interrupt that. These are -- I don't take it lightly. I have a big heart for our communities to provide food on the table. And when we're describing in our own comprehensive plans that are mandated by the State in a charter and code of ordinances of the North Slope Borough say, hey, build your comprehensive plan that has a big component about subsistence, we need to make sure we convey that to the Feds. And you're real big on subsistence. ANILCA. And these are the things that wee need to -- where we need to mirror, we need to have somehow a marriage how best to work with our communities.

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And that area of influence is one of those things that's important and identified by each community. And I bring to light concerns I've heard from the NANA about Squirrel River where it's an argument. Primary subsistence use area for village communities arguing to the point of threatening each other, because of food security to put food on the table. And those are big concerns. Traditional subsistence is something we passed down to our people. We don't pass on an argument. So when it comes time to re-open Unit 23, when the caribou is starting to climb up, somebody's going to make a suggestion, either the sporting lobby, the guides, are going to say, hey, there's enough caribou now, let's re-open Unit 23 up and everybody have a shoot-em-up rally again.

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There needs to be conscious effort to recognize food security, and don't open up to create an argument. We need to recognize that. You need to consider food security for our communities. That's

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what comprehensive plans kind of help do in terms of managing subsistence. So I think those are important points to take, because I think the Feds have to follow the same, unless you're categorically excluded from following local laws. And the comprehensive plan is adopted by ordinance, and that's what the communities have, is comprehensive plan.

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And I think the only time the Federal Government shouldn't follow the laws in times when we're in war and it's an emergency or something, which I think our own land use code on the North Slope says that the State government has to abide by the land use laws of the home-rule borough to the extent that the law is applicable to Federal agencies. So you have to say to us, our process doesn't apply, and you have to show your exclusion and your excuse for not following local laws. That's what it says.

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So those are some of the concerns that I as a Council member reporting, you know. Fishing was a little bit difficult. In fact, I look to my neighboring village to get fish. First time in my -- you know, a long time. You know, I wanted fish, so I ordered several sacks from Nuiqsut, and flew them up to my -- for my own personal consumption.

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The other concern that we've had from local hunters is the fish in Tusikruak. It's a lake about 18 miles southeast of Barrow. And many, many years ago when they did geodetic surveys, and this was testimony given by several folks, including my father, and they watched it, because they were working for They dynamited inside the lakes to get a seismic them. profile back in the 50s, and then the spring time come up and they -- the local people go fishing and go camp, the lake had thousands of dead fish everywhere. And it's taken a long time to reestablish a big, viable population of whitefish in that lake to sustain the community. And it was good fishing until about maybe 1999, 2000, and then folks started having concern that their nets are not catching the fish that they used to catch, so something kind of going on with that lake. It's a big lake, maybe 10 miles long. You can see it right there on the map. Not Tasekpuk, and don't get it mixed up with that one, but Tusikruak, which is not too far from Barrow.

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And I've heard more than one fisherman

said their net got frozen, and they couldn't pull out their net. And I suspect some that may have left their nets when they get stuck, their buoys under the ice and it freeze, and they couldn't take the time to chip it out, that those nets are catching fish by themselves and not being harvested. I would encourage some looksee into the productivity of Tusikruak Lake, because they've got some of the best tasting fish out of that lake. That is a pretty heavily subsistence use lake. And some of the fishermen that just last fall in November in saying they only got one, the entire time that they had three nets out, when we usually get, you know, 15 and 20. So I think there's a need to report these kind of things where it's warranted. that was one other concern that came from fishermen.

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And just as an informational, the BLM is doing legacy well plug and abandonment cleanup activities on the outskirts of Barrow. Marsh Creek is the contractor, and we stipulated on the Marsh Creek permit that they need to conduct active subsistence mitigation activities, and they had advised -- wanted advice on how do you do that. So those operations, it's good to contact -- get the point of contact if there are subsistence activities that are impacted, that I think they're going to have fuel on site their cleanup activities. If there was an impacted subsistence goer, they may be able to supplement their fuel to go a little bit further. And that's a stipulation of their permits from the Borough. concerned about it, so the Borough and BLM sat down and -- because Marsh Creek had some objection to it, but talking with BLM, they said Marsh Creek has to do it.

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The other project is the North Slope Borough is hauling gravel to Atqasuk this year in I think it's like 200 loads to provide gravel for Atgasuk. We've also stipulated to CIPM, you need to conduct a subsistence mitigation program so that the subsistence activities can have supplemental fuel to have an extended hunting period. So CIPM is going to -- they should already be starting, as I doublechecked on it before I came here, to do subsistence mitigation for Wainwright, Atqasuk, and Barrow, because of the haul of 200 loads from Barrow to Atgasuk, going back and forth until that project is completed.

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So I just thought those were important, and if you have any questions about CIPM's obligation

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to do subsistence mitigation, you can call planning department or call CIPM. In fact, I checked on that project to ask them, did your mitigation program start, and they said they had lack of funds. And I checked with administration and finance, and they said those funds were transferred March 3. Now who's not paying attention here. So I think they're going to get with it and start the mitigation program for that.

I thought these are important, because they deal directly with subsistence and impacts to local subsistence users, and to make it a balanced project, we have to mitigate and look out for subsistence impacts as well.

 And with that, I could probably go on for the next three or four hours with other topics, and give the opportunity for somebody else to state their concerns.

 $\label{eq:concil_member_reports} \mbox{ any other Council member reports or questions.}$ 

MS. KIPPI: I just wanted to add, when you mentioned fish, I forgot about the fish in Atqasuk. The slough, the Anahliq (ph) and the Patuktruak (ph) this year, they were catching in the beginning when they were putting nets out, but all of a sudden they catching lots of dog salmon and less anakluks (ph) and pikutuak (ph) during the summer.

ACTING CHAIR BROWER: Uh-huh.

MS. KIPPI: And that was a lot of dog salmon. I would have loved to see more anakluks, right? So we were a little low on that anakluk and pikutuak this year, too. I don't know if it was the change of weather or the dog salmon coming from way up there or from lakes or something. I have no idea. That was interesting though. We got more dog salmon than anakluk and pikutuak this year.

Thank you.

ACTING CHAIR BROWER: (In Inupiaq)
Thank you, Wanda. Yeah, we started seeing that on
Ikpikpuk and Chipp River about maybe -- I would say
like 1985 when my folks started talking about the -- I
think they're the same thing, like humpies. They've

got those big bumps in the back? 2 3 MS. KIPPI: Uh-huh. 4 5 ACTING CHAIR BROWER: And they started noticing the change, but right now if you go up there 6 in June and July, your (In Native) are going to be full 7 of those kind. And they're good eating all right. 8 9 like to fry them up. But..... 10 MS. KIPPI: They taste so different. 11 12 ACTING CHAIR BROWER: But we see those, 13 and we flew over one time with a small aircraft, and 14 you could see them from the airplane moving, all these 15 salmons. But they subside and then it gets real crazy 16 17 with anakluks. And for us it's the fall time, mid September to about mid -- to -- yeah, mid October. 18 19 It's good to hear these things. 20 21 MS. KIPPI: And late freeze up. And 2.2 the late freeze up, too. It's getting later and later, 23 24 the freeze up, to pull (in Inupiag). 25 26 ACTING CHAIR BROWER: Yeah, those are very important things, because it's just that late 27 freeze up really ruins a lot of big catches all right. 28 29 30 31 Any other reports from the Council 32 members. And if there's any questions. 33 34 (No comments) 35 ACTING CHAIR BROWER: Hearing none, 36 Eva, we have the Chair's report. Is that something 37 you're going to read into the record. 38 39 MS. PATTON: Mr. Chair and Council. 40 Usually the Chair would share a report, often reporting 41 also from the Federal Subsistence Board meeting. Due 42 to Harry's recent retirement, we didn't have a Council 43 44 Chair attending the Federal Subsistence Board meeting The action the Board took was on Federal 45 this year. subsistence wildlife proposals -- I'm sorry, Federal 46 subsistence fisheries proposals. And so as the Council 47 may recall, and Wanda Kippi is our wonderful new 48

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Council member from Atgasuk, the Council did review a

Federal subsistence fishery proposal that was really from the Western Interior region. Oftentimes there's crossover, communities have C&T, and so may go fishing in another Council region. And there was a proposal specific to their harvest of pike, and the Council supported Western Interior's recommendations, and the Board adopted that proposal as written.

ACTING CHAIR BROWER: Yeah.

MS. PATTON: The Board also did reject Wildlife Special Action 16-03, and that was the request of the State to open Unit 23, which is currently closed to only Federally-qualified subsistence users on Federal lands in that region. So those were the two main actions that the Federal Subsistence Board took that relate to the North Slope region.

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ACTING CHAIR BROWER: Just a question there, Eva. Is that something usually we have written into the Chair's report, and if Rosemary attended as the Vice Chair any of the -- any of those meetings -- I think ADF&G had a proposal that was submitted to OSM?

MS. PATTON: Mr. Chair and Council. That was the Wildlife Special Action 16-03, and the Council did have an opportunity. There were public hearings and also an opportunity for the Council to make a recommendation on that, since the process overlapped with the Council's fall meeting. It....

ACTING CHAIR BROWER: Well, maybe I'd better clarify this. I know we can rehash real quick things that we've done, but I was to the understanding that it was up for reconsideration, and there was different public hearings in the NANA region. I tried to make it to a lace where I could provide public testimony; I wasn't able to, but I was very interested to know what was the decision of the Federal Subsistence Board's action with that proposal from ADF&G to reopen Unit 23 to all hunters or something like that.

MS. PATTON: Mr. Chair and Council. The action of the Board was to reject that proposal. So it did not pass, and that was the recommendation of the Councils in the region as well. So that proposal did not pass, and that was the action of the Board at the January Federal Subsistence Board meeting.

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ACTING CHAIR BROWER: Thank you, Eva.

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Rosemary, do you have anything to add if you had attended on behalf of the Regional Subsistence Advisory Council. I'm not sure if you attended any of these.

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(No comments)

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ACTING CHAIR BROWER: We must have lost Rosemary. But I do as Acting Chair for today, do have a little bit of concern with the action and the decline of caribou. I was real surprised to hear the new numbers from the Central Arctic Herd. In my mind I thought that herd was not struggling. In fact, many of the testimony in the past that that herd is in fact the fastest growing herd on the North Slope, because it's our oil patch herd. It splits down the -- comes down the TransAlaska Pipeline, splits into two towards Badami and the other half towards Melt Water and calve and mill around and then they go back. And I was alarmed that that herd was, I think less than 20,000 now. And all this time I'm thinking that herd is, you know, somewhere around 50 and 60,000. To hear it less than 20,000 was quite alarming, and quite frankly when we have inspections down the Haul Road, we've had reports from our inspectors saying, we saw at least two caribou walking around with arrows stuck in them, you That kind of thing, which is sometimes heart wrenching to see wounded animals walking around like that that are not harvested. They're just wounded and probably going to die and get sick. And those are some other concerns.

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The other concern is I think wanting to start the permit process for subsistence activities. I'm not suer if that's coming or if you're hearing something like that, to start to be very intrusive on all the caribou hunting that our communities have enjoyed for many years, to provide for their families. And I think that's something that really needs to be fleshed out so that it's not hindering the ability for rural subsistence users to provide food on the table.

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One other complement concern related to the decline of caribou in the Western Arctic Herd is the quickness for the area biologists to say they're on a rebound, and to entertain ideas of changing the bag limits, because pressure from the game lobby, big game

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guides, because when you start to see the decline and you go into a conservation management scheme, it fizzles out the big game operators, the guides, and quite frankly it fizzles out Fairbanks, it fizzles out Anchorage, Juneau, all those other communities that want to conduct subsistence. It fizzles those out, denies them, when you're in a conservative management of the caribou.

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And in Unit 23 where only -- they're down to you have to be a resident of that community, a rural resident, in order to hunt the caribou. So the guides are being -- they can't book their hunts, you know, because I tried to have our staff at the Borough that are permitting recreational activities, what is their process. They book hunts and advertise hunts on line, and the pressure from Unit 23, because it's now limited, and I think rightfully so it's limited, and it should be an act of Congress to reopen it to other than rural users in a way that doesn't provide an argument to the rural subsistence users with guides. There needs to be a conscious effort to -- when it's time to reopen to think about how you open those kind of things.

So in relationship to Unit 23, we're starting to see the pressure in Unit 26, because that same restriction is not in Unit 26. All those guides that argue for a spot in Unit 23 and the subsistence users from Fairbanks and Anchorage and Juneau now they're going to move that pressure over to Unit 26, because we haven't taken up any similar regulatory restrictions in the way that the NANA region in Unit 23, which we supported as the North Slope RAC, reduce the Federal public lands to only rural sub -- Federally-qualified subsistence users, which are the rural residents. So we're seeing the pressure start to shift over to the North Slope, and I'm starting to think that we're going to need to address that from this RAC sometime in the near future, if not now.

 Those are some of the concerns I would raise, is the shift in hunting pressure on the North Slope, because we don't have that kind of restriction in Unit 26.

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Thank you.

And I think that would -- I'm going to

ask one more time if Rosemary's on line, if she had anything to add under the Chair's report.

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Yes, thanks for MS. AHTUANGARUAK: allowing me to get back on. I had to take a phone call.

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But I appreciate all of these discussions. We are having so much increased action around our traditional use areas. There are many layers of conflicts that are being developed. important when we're communicating in this process we understand where we're communicating from and that we're bringing the importance of our subsistence use priorities through the discussions and not within the process, but those around us. This is the point where we have to be the strongest for our traditional way of life. And it is very important to understand there are other activities that are going on around us, but those discussions have to be brought forward within the process of these discussions that bring forward these discussions, and that we're blurring the lines and the communications.

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I value the information that you bring up about -- for the participation that you're bringing, but I also know that when we're giving our traditional knowledge into this process for the activities that are here, that's a very important discussion that cannot be minimized by other communications that are being brought forward and the layers of changing our lands and waters. Our process before us must be very strong in protecting the importance of continuing to teach our families to eat our foods and waters from our land and waters. I actually being forward these discussions.

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Thank you.

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ACTING CHAIR BROWER: (In Inupiaq) Thank you, Rosemary. And I kind of look to you. Sometimes you're attending some of these meetings outside of Barrow on behalf of the Chair as the Vice Chair, and I think it's important that those that attend meetings have the opportunity to air those out during our public meeting.

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There was one other item I wanted to discuss, but I've kind of lost my train of thought, because your comments were pretty good, and it was good

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listening.

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So with that, Eva, would that conclude the Chair's report.

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MS. PATTON: Yes, Mr. Chair and Counsel. And Rosemary also participated, we had a teleconference. The Council had voted to have a Fisheries Resource Monitoring Program working group to keep those discussions going about identifying subsistence research priorities, fisheries concerns, interests of the communities to take a look at changes that are going on. And so Rosemary did participate in a teleconference we were able to have last week with Brendan Scanlon and our OSM fisheries Staff and anthropology Staff, and Rosemary might have more discussion about that when we are covering the FRMP, that feedback from the communities, the interests and concerns on subsistence fisheries, very important. Rosemary did participate in that meeting as a representative from Nuigsut was able to provide a lot of feedback there.

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And, Rosemary, I don't know if we lost you on line, Brendan Scanlon is here, and we will be covering updates on the other FRMP projects that are currently underway, and also any input from the Council on the interests of research you'd like to see in the region. So if you wanted to share anything on that, Rosemary, or when we get to the FRMP discussions.

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MS. AHTUANGARUAK: For me it's really important to bring into this process there's a lot of effort to learn about research and monitoring around us, and the process that I bring forward is that I believe that our communities need to be engaged effectively in this process. Our tribal membership are going to be living here through the generations to come, and researchers and research projects and research funders come through in various ways and actions with their own effort. But it's important to have our communities own this process as we're going forward. We should not have to defend against traditional knowledge that is being cut down into bites and pieces to be utilized to allow projects to go forward when information has not been always taken in the context that it's being utilized to prepare information and reports without our knowledge of staying engaged in the process before us. It is very

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important that we're in control of this process. 1 There's a lot of layers of discussions that must occur 2 for us to get the answers that our traditional 3 knowledge needs in regulation to the many layers of 4 5 changes that are occurring in our traditional lands and waters around us, but there's not always the support 6 7 that allow us to get the information that we need. effort that comes, to come and get and put information 8 9 before decisionmakers is in the guise of the process of allowing projects to occur. And this process has been 10 very difficult for us to maintain some of the best 11 interest and process that allows us to -- to allow us 12 to work really effective in the many different meetings 13 that are going to collect information on the resources 14 that we have around us. But it is very important that 15 we look at all of the different activities that are 16 17 being proposed as they're doing research and monitoring, because there are many approved projects 18 19 that are already occurring within our lands and waters. And when we're increasing the concentration of 20 activities during our increased efforts to subsist, 21 it's really important that we don't just continue to 2.2 allow to occur when there's too much that's already 23 24 occurring in the guise of trying to gather information that is important together. 25

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We have to really look and make informed decisions on whether or not this activity should occur this year or maybe we need to consider whether or not this activity should occur at a different time, or maybe this activity can occur within activities that have been occurring for other things to decrease the conflicts that are happening with our efforts to harvest and feed our families. It's also the process that's about educating our families in the many layers of the discussions that are being held around the things that are affecting their life, health, and safety, and the importance of our traditional culture. There are efforts to work in many different ways, but the cost is affecting whether or not we get food in our tables for the generations to come, and not just allow the process for others to come and gather information to occur. We have to work to create our own institutional review boards that have a better control over the activities that are around us, because while activities around us have taken generations of knowledge and information, but we are not in control of the recordings of these informations, and we do not continue to stay at the table where these

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recordings are being utilized to affect decisions.

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And that's -- so for me, I work very hard to understand what occurs in many different layers. But when I cannot be home where all of these layers of information are at, it affects my ability to communicate specifically as a part of the process. But being very strong about trying to import -- to protect the importance of our daily life activities and the future of our generations is how I go about the process.

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Many will say that I really don't want these activities to occur. Yes, sometimes I have to say I really don't want these activities to occur with the high costs of trying to continue to be traditional in our lands and waters with the amount of competition of activities that are occurring that are affecting our daily lives. But I also know we don't have information around that's in a box, and that affecting those decisions that are important with continued increased changes to the climates and lands and waters, with tremendous amount of rains and erosion, infiltration, and changes to the continuity of hydrology of our rivers are affecting the way that we are harvesting our traditional resources. And, yes, there are things that must occur. But working together effectively so that we don't make decisions that put one village cost over another village benefits and allow impacts to occur cannot allow to occur in these criterias of decisionmaking.

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So that's an overlay of some of the communications that occur. There's other communications that occur within this process, but when you -- I didn't get to be on for part of the discussion because I had to take that phone call, so I don't know some of the discussions that always occur, but when people wonder what and where I go and do different things, it's because I participate in our local community meetings and others that are engaged in these processes ask for participation in different areas, whether it's in the tribal process, whether it's in the national through health or whether it's within the Smithsonian Institution. I don't always get to choose how I participate, but I do try to continue to communicate from the form of the discussion that has always been supported through the elders that ask me to participate.

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Thank you.

ACTING CHAIR BROWER: Thank you, Rosemary. As always, you're always speaking eloquently, and bring a lot of insight with your dialogue, and I appreciate that quite a bit.

And that prompted me with some of your dialogue to remember why I had a senior moment a while ago it seems like and forgot what I wanted to say. But there were two items that kind of prompted, and I wrote them down so I forget.

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And it was the concerns about ADF&G and things that I've heard about wanting to institute heavier controls for our village harvesting of caribou. By permitting. And I think there are other ways to show conservation measures on -- instead of restricting and making it onerous to be harvesting animals for our communities and our families. And I think one of the ways that we've already begun was to make traditional practices into law. Right now some of our traditional practices that we say we're not going to hunt bulls, because we don't hunt them anyway during when it's the rut time until about the first week in December. So we made and introduced a regulatory change, because it's a conservation measure that we've done locally anyway. So recognizing that we're naturally conservative people, already conserving. Because I don't like to eat rutted bulls myself, you know.

 And then when the females are very pregnant, we put a time limit so that an opportunity for a lot of fawns to be born. So we cut ourselves off from getting the females that are real pregnant, and to be selective in your harvest.

And the other one is before we go and start saying we're going to -- you're going to need a ticket or a tag, we can do one more layer to -- as a conservation measure for our communities, and that's what we did in Unit 23. Limit the harvesting in Unit 26 only to Federally-qualified users. You've got to be a rural resident. That will take Fairbanks, Anchorage that have float planes and private airplanes, and take that away, because that shift is coming up here. That's going to take away all of that subsistence activity, because they're not rural residents, they're urban hunters conducting subsistence activities. If we

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add that additional layer on Unit 26, that will do a lot more to applying conservative management principles to protect the continued decline of the herd. I think we've got to pull out all stops before we start doing more regulatory actions to the rural subsistence users. That should be the last thing to do that.

And quite frankly, maybe we stepped on our own toes to implement traditional hunting practices of making them into regulatory process. We were willing to meet half way and work with ADF&G, saying, hey, we've got good conservative principles, too. We just enact them and make them into laws that need to be — and there was even some push-back from that. I was thinking the guides were pushing back, because we don't want the meat when it's a bull and it's the best period of time, but the guides do. They want the racks, because they're big beautiful racks. So there was those kind of things that we kind of fought with to get to where we are.

 So I think we've done a lot of conservative measures, and what I see coming down the pike about aligning ourselves with the State any more, and their request to consider you're going to need to have a permit to conduct subsistence activities, I think we're not there yet. I think we have another layer of regulatory process in place, a tool that has not been implemented on Unit 26, and that is restrict all other users and limit it to rural residents, which is in effect in Unit 23. I thought that's something I wanted to point out and that was something that I forgot earlier that slipped my mind.

And the other thing in terms of the fisheries that we're seeing develop at Tasikruak, the low catch, almost non-existent catch. Tasikruak Lake, 18 miles from Barrow. Needs to look at that. I could remember old stories from reindeer herders, they used to go Itisilak (ph) Lakes, and they would check the depths, do bathymetric themselves, them reindeer herders, check the lake for depth. And if it didn't have fish, and it was deep enough, they'd go put fish in it themselves, so that when they move the reindeer around, they said, oh, we've got to go to this Nubvruk (ph) so we can put a (In Native) and feed the crew and their dog teams. And so they had a habit of stocking lakes after they check the depth, if it can support fish.

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And we need to think about maybe that approach for Tasikruak. It's real easy to catch fish that have lots of eggs in them and get the male and put them in a bucket and put the fertilizer on them and then bring them in the lake and cool them in there, and spill them in there, and I think that would help to restock, because I think there is a crises at Tasikruak Lake. Many hunters, many fishermen have expressed this, Tasikruak, why that lake has not the amount of fish that it has -- and also to run it maybe with a grappling hook, and see if you can catch nets, over 30 years, some of them that been frozen -- when they're putting nets under the ice, they froze and they couldn't take them off. And the buoys get stuck under the ice. And maybe drag that lake. There might be fish nets that have been catching fish by themselves for a long time. And once in a while I think we need to check the health of these lakes that support subsistence activities when we're starting to see the lake completely struggle to provide subsistence resources when it wasn't like that in the past. keep that in mind.

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Thank you.

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And those are the two other items I thought I needed to add under the Chair's report.

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So is there any other items under Chair's report, and, Rosemary, I'm really glad that you provided your input. But I think we're -- we might be....

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MS. AHTUANGARUAK: Gordon, I wanted to make sure I communicate a little bit more on what you just said. It's really important that we respect that there are many that are doing the right thing to provide hunting and fishing, and traditional activities that are being done in the right way in which they're maintaining their equipment and their hunting sites and fishing sites. There are actions that have happened over time with emergencies that may have contributed to loss of gear, but many will go back and try to get their gear and protect that fishing activity. But there are things that happen where gear can be lost over time, and it is important that where there are activities that we communicate amongst the various layers to identify where we need to go out and look at areas of concern to assess whether or not there's

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things that are being left behind that are affecting migratory runs, and that we protect that fish migrations that are occurring in reference to the discussion that was held.

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Thank you.

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ACTING CHAIR BROWER: Thank you,

Rosemary.

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And if we are done with reports with Council members, we agenda Item Number 9, public and tribal comments on non-agenda items. And I think I'll open that up, and I think we had Ernest Nageak, Fish and Wildlife Service, that was -- we'll let your dad go first, if he's the elder. We'll recognize Roy Nageak, BLM.

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MR. R. NAGEAK: Roy Nageak. For the record here, I'm being here as a subsistence hunter, and the comments that need to be made in regard to some concerns that are happening immediately around our area of subsistence uses.

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A tragic thing happened a couple weeks ago in regards to one of my family members, one of my cousins that was walking his dog around (In Native) area, and it got caught by -- inadvertently got caught in a conibear trap. And he sated that he tried to take it off, but it was so strong that his dog perish right in front of him. And I do have a camp in that Beranuk (ph), and once snow thaws out, I take my family out there, and it just kind of scared me that somebody left a conibear trap out there, didn't go get it. see one of our young family members playing around the abandoned house and just get caught in those, and it just scared me on whether -- and I think this is a debate that's going on a statewide basis of walking trails or where a lot of people walk their dogs and what not, and people are trapping. And it's statewide issue with issues like these, but it's starting to hit us close, especially with the bigger traps that are for bigger game. That's one issue on how it affects our people if they're being left behind or where people are trapping so close our vicinity that it will impact our children, especially with those bigger traps.

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But I agree with the comments on traditional knowledge. That's when you'll see in a

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sense rules and regulations that control the human aspects of looking at a species of animals that basically run free as they wish. But they're being impacted by us, but our traditional knowledge knows, and we're taught by how we look at the animals, and which way they go and how we look at them, and how we use them, utilize them, and not to hunt them out of extinction, and to move on other areas. We used to move on from different camping sites to other camping sites, and not stay here too long, because of low fish and because of traditional knowledge of migration of the caribou, we leave them alone. But now with a species, especially with the caribou, were they go along the shore, that's always the best time to try to hunt them to get dried meat, and to -- like you state, especially along the shoreline, when you raise a caribou and hang it up for a couple weeks, that's the best kind of raw meat in the wintertime. And those are the periods when they run away from the mosquitos that we tend to make dried meat, and they are real tasty raw meat that you hang up for two to three weeks, four weeks, to make it good for wintertime.

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And then in the falltime, when you start going inland, they used to do their hunting starting in August so that they could use the fur from the young fawns and the fur from caribou to use for clothing. We don't do that no more, but we still use the sinew. And at the time, that's the best time to get the caribou at the fattest, to use for (In Inupiaq). But then when I see within our region, especially around the areas where the caribous used to go to run away from the mosquitos, Prudhoe Bay, Oliktok, Milne Point, that big herds that used to go there, and now heading towards Teshekpuk area, upper Teshekpuk. And then just when they need to go back and get fat for the winter, then you see the Haul Road people disturbing them and aggravating them. you aggravate caribou, the thing is that they'll go some place else, and they'll disappear from that region.

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And one of the things that our elders taught us, and this is always in front of us, when they start talking about rules and regulations, from our side, from our perspective, the Inupiaq people, that you don't argue about animals. You don't argue about a species, and you don't claim it as yours when it was something that was created by a greater being, our God.

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And we are in no position to be regulating it or arguing about it, because the old elders said that is how to hunt, that when you start arguing about an animal, it will be gone in a couple years. And we've seen that happen before where a species that if we as human beings start arguing about it and start controlling it, and saying things like it's ours, and we need to regulate it, and rules and start a conflict.

And when I see our older people before, when they started seeing rules and regulation come in to regulate a species, I've seen them just stay silent. Our older elders stay silent. And I've seen people that come in from Federal and State side, especially when Alaska became a State, well, they're saying nothing, it must be all right with them. But for us that knew our elders, and not to fight over animals, especially if they're going to be regulated, it's not right. There's got to be better ways to manage than to manage it from a conflict point of view.

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And your traditional knowledge and our Inupiaq values that has controlled our life for hundreds and thousands of years, and you hit on some basis of why Inupiaq values, which is traditional knowledge of the animals, and how we, you know, in our conservative way of knowing what lakes we've hunted and what other lakes other people have hunted, and they move on to different lakes, for them to refurnish or recall what was taken out. That's our way of traditional knowledge of hunting to make sure that we leave species behind so that they could grow again.

But when you have a wide-open season with planes and motor-size vehicles that come up from the south and disturb it at key times, like in the falltime, where the animals need to get fat for the harsh winter, that's when you start seeing some of the impact of the species. Sometimes we tend to talk about what we -- and how we can manipulate ourselves so laws and regulations are ourselves, and not really look at the species that need the attention. Let's look at the species rather than ourselves on how and when we can hunt. Let's look at -- especially when you look at the caribou herd from NANA region to here. northwestern, or the Western Arctic Herd, how before it had grown freely between our two regions. And with the manipulation and the systems of hunting by air, and how that have grown drastically, and how people have made a lot of money transporting like you stated for horns,

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must have taken a toll. And when the Federal Government did what they did at region 23 to assure that some of the local people in that region could hunt and get what would support them for the winter. other thing that really we saw was the freedom of the caribou to start moving where it had presently every year, move back and forth and go to areas that they know that will have food for them. They move, and they move to different regions. So people know that, and they follow the herd, and they say, ah, the caribou herd haven't been in this region like on the Kaktovik side. A lot of the health. And they move with them. They know, they forecast them. They know their traditional knowledge of where caribou herds have been in prior years, and how they follow them. Traditional knowledge is key.

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One of the concerns that you had for Kasiliarok (ph) and what is happening within our region along the shore is the flooding. It's the high level of sea water. When I would fly from Nuigsut going to Barrow, right around Umwaksa (ph), the bigger lakes that are close to Wemuska (ph), Kasiliarok, I saw two big lakes that were joining, where they all had sea level, and I'm going, wow, the water level is rising so high, like it's joining with the two lakes that are closer to the shore right around Umwaksa, right where Kasiliarok is. And I don't know how much impact the sea water has in those fresh water lakes where the anokluks usually stay before they start -- where they spawn. Before they go out, they go to the fresh waters to go spawn. And the impact that has had. Sumarok (ph) lost a lot of water, lost a lot of water. Where water used to be, you could go right alongside the shore of the lake, and it's so hard and so smooth, you could travel at high speeds. But the water has dropped drastically. Sumarok Lake, one of the biggest lakes that is close to Barrow has lost probably half of the volume that was in there this summer when you look at it. And those are climate changes that are happening that people aren't really looking at in regards to the fish.

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And right behind here, the lake right by the gas field where we get our -- we used to get our fresh water ice.

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ACTING CHAIR BROWER: Kuralik (ph)?

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MR. R. NAGEAK: The Kuralik. I went along there this summer and I saw a lot of dead salmon where they never used to be. Everywhere I travel, and it's connected to a walk, there were dead salmon. And I've never seen that before. And this was a good year for us in Kununak (ph) for salmon in the high numbers, which is good in a sense, but the impact it has on the whitefish, especially the influx of sea water into our fresh water lakes, and the weather that has impact on the fish.

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> And the rules and regulations, when you look at each region in the beginning of the newly appointed members in each region, Federal Advisory Subsistence Boards, I think from a Federal standpoint, and when you look at State of Alaska, and the financial straits that it has, and how limited they will be in trying to mange what they need to manage, and not for them to have the financial whereabouts to manage it on a statewide basis, from a Federal regional basis, I think more and more we need to look at the Federal Advisory Board for more direction, especially you have lands that have conflict limits. We have NPR-A where Bureau of Land Management treats it as public lands, but the caribou and the fisheries don't know no boundaries. When you try to deal with the caribou, and you're in the boundaries of NPR-A and then you go to State lands, which is wide open, and how rules and regulations that guide subsistence, especially is different, and how as a whole, especially in North Slope area, there's two systems that we need to work with, the Federal and the State. When you're in like Nuigsut, it's real easy to address, because like the handout that I have and will bring out during the BLM report, that NPR-A is strictly guided by Federal rules and regulations, especially with development, and how subsistence uses have a say through a working group committee that has been set up by rules issued by the Federal Government, which is good. And the State of Alaska on the other side of the river is completely different. A different animal. And how those two in a sense try to manage one species like the caribou, need to work hand-in-hand.

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And what the Federal Government has closed in Unit 23, and start looking at it from a point of view, I see that they're trying to work with the local people in the management of the caribou, like when you start seeing traditional knowledge, they're

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listening to the traditional people that are in the group that manage the caribou, the Western Arctic Herd, 2 which some of our people are involved with that, too. 3 Western Arctic Herd. And more and more we need to look 4 at the species rather than the people that hunt, try to 5 control the people that hunt, but to take care of the 6 7 welfare of the animal as a whole, and that the people had tried to regulate the people that are hunting. But 8 9 look at the species as a whole, and that allowed airplanes, to start -- block them when they start 10 moving as big herds to different areas like the North 11 Slope and closing out Unit 23, shows that once they 12 stop the planes from going into Unit 23 to hunt, it 13 opened up ways for the caribou to go into our region, 14 especially Anaktuvuk Pass area. I see that as a plus 15 to look at the species, and not try to regulate -- in a 16 17 sense to regulate people that hunt the species in a way the species will survive. Before when you opened it up 18 19 wide open, they block areas by landing in areas to stop the migration of the caribou. They need to hunt and 20 21 control people from going ahead, and that's what we 2.2 have learned ever since we were young, to let the front herd go through first before you start hunting them. 23 24 That way the other caribou, the bigger herds will follow through. It's the same thing. 25

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And the trapping issue, it's a statewide issue where traps are set where our animals, our pets are roving, and they could get caught in those traps. I just want to point that out. It's dangerous. It just send a chill on my spine when somebody go get a conibear trap, and inadvertently forget to go get it. I could see one of my grandkids getting caught in one of those. I just want to point that out.

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Thank you.

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ACTING CHAIR BROWER: Thank you, Roy. (In Inupiaq) That was good listening. It's always very enlightening when you bring those topics up in the way you do. And I appreciate that.

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With that, we've got Ernest Nageak. I called him Ernest Akungnyuk, because I was thinking about his predecessor Ernest that I know. Fish and Wildlife. There's public and tribal comments. And we had allowed Ernest to move ahead, because he had some urgency behind it, and then once Ernest is done, we're going to go back to public and tribal comments, and we'll have ICAS come right after you.

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Ernest.

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MR. E. NAGEAK: (In Inupiaq) Oh, how is

that?

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UNIDENTIFIED VOICE: That is better, thank you. Gordon's perfect.

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MR. E. NAGEAK: Uh-huh. Earnest Nageak for the record. Native affairs specialist for U.S. Fish and Wildlife Service. I never thought I would picture myself working for the Federal government, let alone the U.S. Fish and Wildlife Service. You know, learning the history of the bear ducking, the banning of fall whaling, and, you know -- our elders were our own biologists and our scientists that, you know, taught us the way of life out on the ice or the tundra. And like you said, we're always concerned, you know, only catch what we eat, always look out for the animals and the numbers and with the effects of the government at the time, it kind of pushed away -- pushed our people away from the government and kind of hesitant to share our ways of life.

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And I noticed that when -- I passed out our Barrow field office newsletter. We have yearly newsletters, but we've been around since 1999 with our Eider Journey, but 2008 we had more of a presence when there was endangered birds found on the side of the road, and that increased the presence of U.S. Government officials, and not just wildlife biologists, but law enforcement. And, you know, when they first came up, it was like the bear, duck and all again, like

all one-sided, oh, the government coming here, telling us when and when not to hunt and whatnot, and the community got tired of that, and we came up together with the bird committee, and we hashed it out, and came up with the best solution. So that made me want to move over to Fish and Wildlife Service so we could have a say, you know, a say in what we want to do for our animals and how we want to hunt.

And with that being said, we have to share our, you know, unwritten rules, because the way I was taught to hunt, you know, animals like the birds, we had to maximize our catch. You know, with 40 to 50 bucks a box of shells, you don't want to only catch 25, you want to try to get 40 to 50 out of that box. So I was taught to, you know, maximize my shooting, and not just point out one duck and shoot at that one duck, but it turns out I was doing it all wrong, and I was taking a risk at shooting other birds.

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But with that being said, you know, we're here at the table. The Fish and Wildlife Service is improving relationship with communities, not just on the North Slope, but all over Alaska. We're able to sit down together and hear each other out, and come up with the best solution, so I commend the Federal Government for making that step to improve our relationships and hearing our Inupiaq people and the people in the rural areas.

Our office, or the U.S. Fish and Wildlife Service made it a requirement to have the people going to rural areas to have a Native relations training. It's like cultural orientation from elders all over the State of Alaska to share our way of life, you know, what to expect in villages, and a lot of concerns where we don't get enough outreach, you know. We don't hear all these rule changes, we don't -- you know, some people may represent us, but we don't get information back on what they learned at the meeting, or if they changed the caribou harvest. You know, that's just need to stress the importance of outreach.

So with that being said, we have two people in our Barrow field office. I've been coming here the last few years giving updates on what we did in the summer, and we have -- right now we're doing our -- we're just getting down with the schools. We have

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students get involved with our Alaska migratory bird calendar contest. I had brought some 2017 calendars over there if you guys need some new calendars, you know, they have drawings of birds and some poems, and maybe some recipes on birds. But we have that going on right now at our office.

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In April, during (in Inupiaq) we will be partnering with the Borough and other few entities to have a spring gathering, you know, talk about wildlife. We used to call it welcoming the birds, or welcoming the animals, because it's a new start, new year, new circle of life, trying to get all the animals we need for the next winter to come.

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23 24 And I'll just share a little bit of numbers we had from last summer. We had hired about seven intern students. So after April and May, we're going to the schools, so if any of you guys have students 14 and over. We used to get some from villages, but, you know, we have -- if they have a place to stay and stuff like that. We don't have no housing for them, but with the funding, you know, with -- on the Borough, we usually have nine or 10, but with last year's funding, we had about seven.

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And about seven volunteers from all over Alaska where they go out and -- Eider Journey we call it, where they pair up and survey, go out nest searching, and capture, you know, monitoring the nests throughout the months of June and July. So we had about four students. And I'll give you some numbers on the steller eiders, because our office is mostly based along the steller eiders and the spectacled and now the yellow-billed loons, we have been having concerns with the nests. And just to give you guys numbers, they are relatively low this past year. They had found 12 nests, you know, located near the Barrow area where they walk, our students and volunteers walk many miles a day. And of these 12 nests, six of them hatched. Five were depredated by either asungmunks (ph) or foxes, Jaegers, and one final fate remains. I don't know, this was late July, so they were waiting for one more if it hatched. And they found a total of 23 spectacled eider nests have been confirmed, and nine hatched, 12 were depredated, and two await a final check. And they had found four snowy owls, but all four failed there in the season. The Jaegers nested in low density, and three nests were found. Six of the 12

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steller eider nests were found within 350 meters of the Jaeger nests. But this year they had cameras, lapse cameras that showed what ate some of those eggs, and primary the depredation was by Arctic foxes, seven, and one from Jaeger, and another one from a different parasitic Jaeger. And a few nests will remain to be evaluated. So last year we had an early thaw-out, like a week early or maybe a week and a half early before May was ended. There was hardly any snow. And they tried -- on long-tail and king eider nests, they tried to use -- tried out a new method to have a cover on top, a camouflaged cover to try to protect the nests. And out of those overhead covers, the king eider and long-tailed nests, they returned to nest and were successful. They had a little camouflage material that partially sees through on the top where the female could see over, and so king -- they all hatched during that time.

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And we had partnered with the U.S. Department of Agriculture, wildlife services. They did our yearly fox predator control where they went out and trapped and killed foxes. Since we had an early thawout season, our number was 100 arctic foxes from the month -- early May to the 8th of July, and we had a few interns helping with that. But we will be putting that aside this summer, you know, with concern from the Borough and other people in the town of the effects of that situation with the killing of foxes.

But after our season, we usually have our interns, you know, they bring it to the schools and they have kind of like science fair projects with that, and they also provide an end-of-the-year open house. Our office has an open house where we have people coming in from law enforcement or marine mammals to answer questions. You know, we have gatherings twice a year at our office, provide outreach with anything, and I'm here for the villages. We don't really get too much involved with Kaktovik since they're part of the Alaska National Wildlife Refuge program over there, but Atqasuk and other people, you know, guys field the questions.

This summer we may be talking with fishermen on the Elson Lagoon on the yellow-billed loons. If they need help, we could go out and help them and try to get them out of their nets. I tried -- on my net, I tried to put balloons or extra floats to

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kind of deter the birds away. So we're thinking about looking to do that to prevent less yellow-billed loons being caught in these nets.

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And we usually have other programs that -- oh, and I'm proud to say our office is 100 percent locally. We have our -- Unya Aleak (ph) who is our local outreach coordinator/biologist that works with the eider program.

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And you could see -- our office does marking and tagging of walrus and polar bears, hides, walrus tusks, and we go to villages, Point Hope, Point Lay, Wainwright to try and get animals tagged.

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And we provide science and culture camps for the youth, you know, just get them outdoors, you know, from second grade to high school. Show them how to do field work, look at plants and animals, and, you know, this is a good program. And our biologist, Unya Aleak, was part of this Eider Journey, and look at She's back with the Fish and Wildlife where she's at. Service, and is our local biologist. So I enjoy this program, to get the kids out, you know. That's how I got involved with wildlife, you know. I grew up in the neighborhood with Geoff Carroll, and he seen me graduated and he needed help in the summer, and I jumped right on it, you know, working with caribou, working with the populations. I went on photo census. I helped tag in Ambler. And that made me want to stay in wildlife since, you know, it's important food supply for a lot of our families. But we need to get more kids involved, because, you know, a lot of -- we're becoming a working society, you know, hard to get time off. I'm hoping one day the Federal government will have some sort of subsistence leave, or at least cultural leave, a few days. But it all starts with the hunters ourselves, you know, passing on our own knowledge and how we were taught from our elders, because it all starts within us, and once we teach the young ones, they'll teach their peers, and we'll -when I get old, hopefully I'll be able to still have (in Inupiaq), still have nanook, and bullhead whales. It all starts with our own people in our own communities, and whether you guys don't have no science programs over there, bring your kids out and show them yourself.

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Quyana.

Any questions on the office or.....

ACTING CHAIR BROWER: Thank you, Ernest, from Fish and Wildlife.

Are there any questions to Ernest.

(No comments)

ACTING CHAIR BROWER: I certainly got lots of them. In terms of fish, is there any programs other than what OSM biologists and trying to seek funding to study an area that's becoming a problem? Or if we did things, what they did in the past ourselves. Like I can get a five-gallon bucket, and I'll put all the eggs in there, and put the fertilizer from the male fish and stir it all up. Now I've got one million fertilized eggs, and go -- and put that inside of Tasikruak (ph).

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MR. E. NAGEAK: I heard my (in Inupiag) doing that right near our cabins, not too far from your guys' cabin. They would put fish in other lakes to increase the numbers, because sometimes like this year when we were out on the rivers, the river was so high, and it was so dirty, we had to put our nets in the lake, so we were able to -- I remember when I was younger, he showed me some lakes, and I happened to bring my nets over there, and sure enough there was a good amount of fish, and we were able to bring enough home. But I don't know if they have -- they have certain programs in other regions, like Yukon-Kuskokwim, where they have kids involved, and they count the number of fish going by in these fisheries and stuff, but I don't know what kind of funding they have on that, but somebody else may answer from somewhere else.

ACTING CHAIR BROWER: Yes, it seems to me like if I was a willing participant, because I'll go fish, because when I'm getting my fish off the Kugarunk (ph) that's the spawning time. They're already -- the eggs are -- when I'm pulling them out, their eggs are coming out, and it's spawning. It's real easy to get one in a few seconds, put it in a bucket, and get a big male and squeeze the fertilizer out, mix it all up, and somebody pick it up. I can call, hey, pick up a fivegallon bucket and take it to Tasikruak. If there was some -- that could be quick, easy that wouldn't

compromise the eggs. It seems like it would be a wonderful way to try to see if a program like that works.

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I had this particular conversation with Oliver Petuk (ph) while we were in Point Hope a few days ago. He was really wanting to have (in Inupiag) near Wainwright. And he says there's -- we don't get that kind over there, and they have to trade for it. And then we got into talk about what this old timers used to do when they were moving reindeers, and they wanted to eat food, they plant these as they graze They said, oh, let's go over to this (in Inupiaq) and bring the reindeer over there. We can (in Inupiag) and eat, and so they were making like their own Walmart and stocking fish on their path anyway. And I told Oliver, find a lake that's deep enough, and if it don't have any fish, let's talk about how you can bring those kind of resources in your area. And that was something that was done in the past, but it seems to me for some of our lakes that are struggling like Tasikruak, we should start to get ahead of the curve. There's already too many complaints about Tasikruak that I think we're behind the curve in looking at that, what's wrong with the lake.

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MR. E. NAGEAK: Yeah. Well, out there the Federal government has this Federal tribal wildlife grant. Native Village of Barrow was once rewarded for it, and they had this young hunters youth program to get the youth out and I think recently Point Lay had won that tribal wildlife grant to help monitor their walrus, because, you know, the haul-outs and monitoring them themselves through the tribal wildlife grant. that would be something that you might look into. Maybe the Tribal Village of Wainwright, if they want to look into getting that grant. It may provide them funding to look into something that is of concern in their area. So they range from 100,000 to 150. depends on the grant and what you're proposing for. that's one way for the tribal, Federally-recognized tribes to get funding for wildlife activities.

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45 46 ACTING CHAIR BROWER: Are there any other questions for Fish and Wildlife Service from Barrow. And I really appreciate your handout. It's very informative.

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MR. E. NAGEAK: Yeah, they were sent to

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every North Slope mailbox I think. Our office didn't
     receive our own copies, but that's why you have these
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     big copies.
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                     MS. AHTUANGARUAK:
                                        This is Rosemary,
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     and I....
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                     ACTING CHAIR BROWER:
                                           Oh, Rosemary.
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                     MS. AHTUANGARUAK: ....really
     appreciate the discussion that's going on around this
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            It is important to look at these various
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     opportunities. I've also heard previous talk about
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     this, about ways of harvesting the fish and helping to
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     take them into areas where numbers were down.
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     were activities that were done in various ways.
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     understanding the importance of trying to protect and
     do things in a safe way important to do, and making
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     sure that the efforts are maximizing the contributions
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     that are occurring. We don't want something that moves
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     too fast, and where production rates are not effective
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     and for the effort because we wanted to get something
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     on the ground in a hurry, but we want it being done in
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     a way that's the most productive and for the revenue
     resources that we have in this area. But these are
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     very important types of discussions and have to occur
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     within the various ways of looking at the numbers of
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     how this species, but understanding the way that our
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     species utilize the lands and waters of our people are
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     very important parts of the discussion that also have
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     to be looked at when we look at the various layers of
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     information that must be collected.
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                     Thank you.
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                     ACTING CHAIR BROWER:
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                                           Thank you,
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     Rosemary, and thank you, Ernest.
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                     We've got 10 minutes before lunch, and
     we do have one other agency, tribal agency, ICAS, that
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     wants to address the Regional Subsistence Advisory
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     Council. Doreen Lampe.
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                     MS. LAMPE:
                                 Thank you, please.
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                     MS. PATTON:
                                  Turn your mic on, please.
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                     MS. LAMPE:
                                 Thank you. Good morning.
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     Nice to see you all here this morning. I appreciate
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the Nageaks coming up to speak and hearing their concerns and your concerns about the fishing this summer. Those are really alarming changes during our short lifetimes that we're just not even elders yet, and we're seeing so many changes occurring.

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But I'd like to introduce myself. I'm Doreen Lampe. I'm the executive director for ICAS. My parents were Fred and Beverly Ugeak (ph). They have both passed on. My husband was the late Wiggins Lampe, Sr., from Barrow. So just a little of who I am.

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I really enjoyed the discussion today regarding the permitting of natural resources and I do hope that we seize the.....

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(Indiscernible -- feedback)

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MS. PATTON: Folks in the teleconference, we're getting some feedback. I'm not sure where it's coming from. Oh, there it went away, so maybe it will be good now.

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MS. LAMPE: All right. So anyways, regarding the permitting of natural resources, I do hope we do not take that route for our subsistence hunters. That's one of the last things that our stakeholders are leaning towards hunting and fishing, harvesting. And that would just be such a hassle for our hunters.

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ICAS has a strategic plan meeting with the Council members in all our villages for the past three years at the ICAS annual meeting. The air traffic concerns scaring caribou away from their summer camps has been the biggest concern in all the villages. I do like Roy Nageak's recommendation installing GPS tracking systems for managers to manage air guiding outfitters. If they say they're going from Point A to Point B, that should be monitored. There was so much frustration that some hunters over the VHF were so frustrated to the point they were voicing out radical statements such as they wanted to shoot those planes down, because they haven't been able to catch their caribou migrating through their summer camps. And I did bring this to BLM, RAC committee, the BLM SAC committee. I don't think I brought it to this organization. But you can see there's a lot of organizations managing our resources on our behalf.

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And what ICAS wold like to do a hunter/gatherer commission so that this hunter/gatherer commission can maintain hunter access to their hunting and traditional fishing grounds, and attack issues pertaining to their harvest on a regional level. you know, one little hunter trying to tackle the issue of air traffic scaring away caribou from their summer camps doesn't make a dent in the problem, but if we can come together regionally and express the concern that this is regional from Point Hope to Kaktovik, Barrow to Anaktuvuk, we're all equally feeling this negative impact. So we've been bringing it to the attention of managers that attempt to manage our natural resources with regulations and so forth. I would like to see one of these organizations consulting with the tribes and the communities.

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We have a monthly ICAS meeting, first Thursday of the month. It now starts at 3:00 p.m. used to start at 6:30 p.m. There's really lack of communication, like we saw with the Federal government when they come with, how Roy pointed out, NPR-A and the State government, State lands. I mean, we now have five commissions. Alaska Nanook Commission, Eskimo Walrus Commission, Ice Seal Commission, Alaska Eskimo Whaling Commission, Beluga Commission. There's a caribou working group. There's an Office of Special Management for the State of Alaska. And then you have all these Federal, five agencies, that's going to report to you most likely tomorrow or late this afternoon. So there's just so many organizations and it seems like we're not effectively communicating with one another.

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So regarding this hunter/gatherer commission, we would like to work and solve problems regionally, at a regional level instead of one little person fighting on the whole air traffic control. I did try to get in touch with FAA, but they have a very strict program to monitor and make sure the safe and landing of aircraft, that they don't do anything else. I wasn't able to get ahold of an FAA liaison or anything like that.

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But at BLM they did provide a spreadsheet of the magnitude of studies going on in the Arctic Slope. It was like three pages on an Excel spreadsheet. And they're studying every little thing. And all these studies are now impacting the hunter.

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The hunter is the impacted stakeholder now, whether it's regarding development or conservation, we have all these studies that affect our access to our natural resources.

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So we are trying to start this up. It is very difficult to get funding to start this up.

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Regarding the Alaska Nanook Commission, we're having a big issue with that. All the tribes except the Federally-recognized regional tribe are members of this defunct, bankrupt Alaska Nanook Commission. And this defunct, bankrupt Alaska Nanook Commission managed the Chukchi polar bear, and were appointed, tribal representation on this Alaska Nanook Commission to represent their tribes, local tribes. Kaktovik -- Native Village of Kaktovik, Native Village of Nuiqsut, Native Village of Barrow, Wainwright Traditional Council, Native Village of Point Lay, Native Village of Point Hope, and then the west, western region of Alaska.

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So they had this commission that was appointed a tribal member, and then this Alaska Nanook Commission somehow thought they had the authority to make treaties with Russia. So now Russia has a bilateral agreement with Alaska Nanook Commission to try and manage the Alaska Chukchi polar bear, and place a quota, 50-something, 59 for both countries, 29 in Alaska, 30 in Russia. And this is a commission, a State of Alaska by law chartered commission with an appointed tribal representative, making treating with a foreign company to implement quotas on us, the stakeholders, the hunters of the region. And that is not right. That should have never happened. Federal Fish and Wildlife or whoever Federal agency who went to go talk with the Russian government, should have came to the Inupiag government and consulted with And that did not occur. So now they're trying to create another responsible, organized commission. don't even know the name of it, United States Polar Bear Commission, who knows. So they went bankrupt. They had over \$200,000 in debt, and they had two bad audit findings.

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So now we're dealing with commissions now. We're not even dealing with tribes. Anything to cut the tribes down is occurring. Everything and anything to cut the voice of the tribe out, it's being

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silenced everywhere you go. So tribes matter. People matter. Hunters matter. That's why you have all these organizations so that people can continue their traditional way of life and have reasonable access to these habitats. And these habitats are really important, and there's not really a very good conservation management style occurring in the North Slope. You have all the area in between the eight villages zoned as conservation district. But in a heartbeat, if they find oil, they're going to rezone it to resource development district just like that. I mean, it's going to be zoned something else, even though it says conservation district.

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So what are the criterias to preserve a conservation district, to remain a conservation district? When can we say, no, this is too important for our natural, renewable resources to sustain their population, to sustain their numbers. When are we going to say no? We haven't said it once in my lifetime that I've seen.

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So you have all these commissions, you have all these agencies placing all these guidelines and regulations on us. And then now the tribes in coordination with the rich organizations such as the North Slope Borough or ASRC or NANA or Northwest Arctic Borough, we are now litigating every species that is being place on the endangered species list or the threatened species list. So we did not fight the bowhead whale listing, we did not fight the steller and spectacled eider listing, so we're stuck with that listing, and we're having to manage and count whales and provide safe nesting areas, and try not to shoot them when they mix with other ducks, and so forth. I heard that the bowhead whale is no longer a threatened or endangered species, but we're still regulated heavily on that. There is a de-listing process. There is a de-listing process to de-list endangered species once they become listed on the Endangered Species Act. So now they're considering placing seals, polar bears on threatened status, walrus, the loons are back and forth. So practically all of our resources -- oh, you have the Beluga Commission, too. So the Belugas are now being considered. So all this endangered species listing is happening without consultation of the tribes, the stakeholders who depend on these natural, renewable resources. So we are not getting any consultation. We

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are not being advised when these listings are going to happen.

We're joining with State-run municipal governments and State-chartered regional or corporations that pay these attorneys to represent their organization, for paying for it for help ICAS fight these de-listing, or removing them from the endangered species listing in the first place, so we don't get stuck with having to count all these animals for the rest of our lifetime. So we're fighting them with the Borough, with ASRC, and it's not working. I mean, the way they approach the fighting of these in court is they go to their client, the Borough or ASRC who pays their bills, because we just provide our name to fight these cases in court, ICAS.

ACTING CHAIR BROWER: Doreen.

MS. LAMPE: I'm almost done. I'm just like winding up.

ACTING CHAIR BROWER: Okay. Okay.

 MS. LAMPE: So this endangered species listing act is impacting our tribal members. It's impacting our communities, it's impacting our borough governments, and it's impacting our regional corporations with having to fight these in court. So I would like to see this organization -- I know it has some type of mission to manage all these animals that you report on, you count them, you conduct their biological health and so forth. But I would like to see a component added in regards to the hunters, the hunters that depend on them and how to protect the hunters continued access.

So the AFN had a historical moment last year where the Glennallen region, the AHTNA, State of Alaska, they signed a historic MOA for the moose harvest in their area. And it's going to that to us if we start taking action now.

You guys have mentioned the fish are changing. In Bethel they became criminals for fishing. In Bethel, in Alaska. Whoever thought you would be sent to jail or sent to court to go fishing.

So I do hope that this body, this

organization takes into consideration protecting the hunters access and ability to harvest our continued natural resources, and look forward to hearing more from you, and seeing all your reports that you have provided on the tables back there.

I would like to know who's your Wainwright member? I seen the names of everybody except for Wainwright. I don't know who that is.

ACTING CHAIR BROWER: Yeah, quyaugnukpuk, Doreen. You bring a lot of insight and good concerns.

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 Our membership is kind of fragmented right now. Bob Shears used to be the primary member from Wainwright. At one point I think Enoch was a member. And some of them, you know, get tired, and Bob moved from Wainwright to Barrow, but he remains a Council member. And OSM Staff has always said that even if it's -- a seat is a seat as long as you're from the North Slope. But we always advocate to try to make sure that we try to get membership from each community so that there is a wider perspective from the communities to bring to the table for OSM and others and land managers, to bring village concerns.

So that's -- and I wasn't going to cut you off. I just wanted to recognize that it was lunch time, and that if you wish to continue, I was going to ask if you could come back after lunch and finish. But it sounds like you were going to be -- I think some of us have lunchtime aches going on.

MS. LAMPE: All right. No. Thank you for the opportunity. I appreciate that. And I don't know if you guys comment on any of these Federal regulations where they request for comments on endangered species listing, but I would encourage you guys to do so, because once they become listed, it's really costly and difficult to remove them from the listing. And even though they have a disclaimer that we haven't seen the real full effects put in place where they say Natives are exempt from Endangered Species Act, it bites us in the head every time. Ernest Nageak here today testified briefly to that effect, and it does impact a young hunter's future and desire to continue to go hunting. I know my son got cited once, and he didn't go duck hunting for two

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Lee.

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MR. KAYOTUK: (In Inupiag) Thank you. I'd like to do a roll call at this time. Seat A, 2011, 2017, Gordon R. Brower, Barrow.

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ACTING CHAIR BROWER: Here.

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Page 61
                     MR. KAYOTUK: Seat 2, 2011,2019, Robert
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     B. Shears, Barrow.
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                     ACTING CHAIR BROWER: Robert Shears is
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     excused for the afternoon.
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                     MR. KAYOTUK: Seat 3, 2016, 2018,
     Esther S. Hugo, Anaktuvuk Pass.
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                     MS. HUGO: Here.
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                     MR. KAYOTUK: Seat 4, 2015, 2019, Wanda
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     T. Kippi, Atqasuk.
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                     MS. KIPPI: Here.
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                     MR. KAYOTUK: Seat 5, 2017, vacant.
     Seat 6, 2017, vacant.
                            Seat 7, 2015, 2019, Steve A.
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     Oomituk, Point Hope.
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                     ACTING CHAIR BROWER: Steve Oomituk is
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     excused for today and will join us tomorrow.
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                     MR. KAYOTUK: Seat 8, 2015, vacant.
     Seat 9, 2006, 2018, Lee Kayotuk, Kaktovik. Present.
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                     Seat 10, 2009, 2018, Rosemary
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     Ahtuangaruak, Barrow/Nuiqsut.
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                     MS. AHTUANGARUAK: Present.
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                     ACTING CHAIR BROWER: Thank you, Lee.
     And, Madame Coordinator, I believe we have a quorum.
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                     MS. PATTON: We do have quorum now, so
     the Council can take up action items.
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                     And I just want to touch base on a
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     couple things in terms of timing and agenda. One thing
     is there's been a little bit of a snafu with the
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     calendar for this meeting space. And so our meeting
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     got scheduled over the top for this evening.
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                                                    So we'll
     unfortunately have to conclude today's meeting at 4:00
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     so we can clean up for that meeting this evening. And
     then we can resume first thing tomorrow morning, and
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     we've got, as we usually do have, the meeting venue
     until 9:00 o'clock tomorrow night if so needed. So
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     that it is a little bit of a time constraint for today.
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We did add Marcy Okada for the Gates of the Arctic National Park update to day. And I just wanted to touch base with the Council in terms of timing since we are ending up with a little bit of a shorter day today, if you would like to take up the caribou updates information, Board of Game updates, and Council and deliberation and action on any Federal subsistence wildlife proposals for tomorrow morning when we'll have ample time to spend on that.

ACTING CHAIR BROWER: Madame Coordinator, yeah, thank you for the explanation, and, welcome, Marcy. We were expecting you to arrive.

 And for those that haven't introduced themselves from this morning, if you're new this afternoon, if you can come up to the mic and introduce yourself and who you're representing, or if you're general public.

MR. KAYOTUK: Two at a time.

ACTING CHAIR BROWER: Don't come up all

at once now.

(Laughter)

MR. MATHEWS: Vince Mathews, refuge subsistence coordinator with Arctic, Kanuti, and Yukon Flats. And I have had a whole bunch of dental work, so at times I'll be talking a little funny, because I don't have all my teeth. Just so you know. Anyways, it's good to be back. It's good to -- I met Esther on the plane, and it's really good to see some new members and continuing members on the Council.

ACTING CHAIR BROWER: Thank you, Vince. Right? You said your name was Vince?

MR. MATHEWS: Yes.

 ACTING CHAIR BROWER: All right, Vince. Anybody else that needs to introduce themself this afternoon.

MS. OKADA: Hi. Good afternoon. My name is Marcy Okada. I'm the subsistence coordinator for Gates of the Arctic National Park and Preserve.

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43 44 MR. SUMMERS: Good afternoon. This is Clarence Summers with the National Park Service in Anchorage.

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ACTING CHAIR BROWER: Can you repeat your first name? I didn't quite catch that.

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MR. SUMMERS: Clarence Summers.

Page 64 ACTING CHAIR BROWER: Clarence. 2 you. Anybody else on line that hasn't introduced themselves. 3 4 5 MS. HENRY: Native Village of Point Lay 6 is on line. 7 ACTING CHAIR BROWER: All right, Native 8 9 Village of Point Lay. Thank you for calling in. And who might I ask is on line with Native Village of Point 10 Lav. 11 12 I'm Lapeda Henry (ph). 13 MS. HENRY: 14 ACTING CHAIR BROWER: (In Inupiag) Good 15 16 afternoon, Lapeda. 17 MS. HENRY: Good afternoon. 18 19 ACTING CHAIR BROWER: (In Inupiag) Who 20 else on line. 21 2.2 23 (No comments) 24 ACTING CHAIR BROWER: All right. 25 Madame Coordinator, I guess we're going to try to 26 finish off our public and tribal comments. 27 28 29 We had Ernest Nageak, he gave his He needed to be up front, and so we 30 presentation. altered the agenda to accommodate his needs. We had 31 32 from the public Roy Nageak as a local hunter addressed the Regional Subsistence Advisory Council. And we had 33 executive director of ICAS, Doreen Lampe, also address 34 35 the Regional Subsistence Advisory Council. 36 This is an opportunity to provide an 37 38 update or some concerns or issues as general public or 39 as tribal comments on non-agenda items. So if you're a tribal entity or a public participant, you have an 40 opportunity to address the Regional Subsistence 41 Advisory Council. 42 43 44 Yeah, those that are on line, Lapeda, Point Lay, Point Hope, I think that earlier was maybe 45 46 Chester, if you have any concerns that the Regional 47 Subsistence Advisory Council need to hear, it's an opportunity to provide those concerns from your 48 49 community. 50

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(No comments)

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ACTING CHAIR BROWER: One other thing from the communities, I think we have three vacant slots and we really want to get representation from all the communities, and we advocate that the Regional Subsistence Advisory Council be regional. That means we should have membership from Point Hope, Point Lay, Wainwright, Kaktovik, Atqasuk, which there's quite a few of us here, but a couple a couple of villages I think we don't have represented yet, so there's three open seats. And I'm pretty the Secretary of Interior has applications already.

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MS. PATTON: Mr. Chair and Council. Yes, indeed the application process for this year just recently closed, and so now they're starting the interviews, and ultimately the applications go to the Federal Subsistence Board for nomination, and then to the Secretary of the Interior. So it's a one-year long process from application to appointment by the Secretary of the Interior. So new Council members will be appointed typically in December, the first week of December by the Secretary of the Interior. So those vacancies will remain unfortunately until December when new Council members are appointed. But we are still reaching out to and seeking participation and applications. As Doreen noted this morning, we don't have a representative from Wainwright and we don't have a representative from Point Lay on the Council. input and connections to help reach out to those communities and be of support in applicants from those regions would be very helpful.

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ACTING CHAIR BROWER: Thank you, Madame

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45 46 And I'm going to ask my (in Inupiaq), Esther, if you want to do a report from your community. Earlier we went through Council member reports on issues, hunting, subsistence, what their community's experiencing. A lot of the Council members here already introduced themselves and provided some input as to what their community's experiencing in terms of subsistence-related issues, problems, something that we need to address or concerns. And you were not here earlier, so I think I'll extend that to Anaktuvuk.

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MS. HUGO: Good afternoon. Thank you.

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Coordinator.

I finally made it in. I'm happy to be here.

There's not much activity going on at home. Our caribou are up probably in the mountains right now. There's a lot of wolves. We just had a wolf right by the air strip the day before I left. He's pretty hungry and skinny.

My son-in-law got caribou not too long ago, maybe two weeks, but they have to go really up north and look, you know. It's not close by. And weather conditions are cold, 30 below.

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We have same issues and concerns is the caribou. Yes, the caribou came in falltime, but they came so fast and a lot of us didn't catch what we wanted, I mean, to make us go through this winter. We just got one caribou, and believe me, I tried to conserve it for a long time, and couldn't do it. And we got some reindeer that is being sold at the store, and they were so surprised, I went down there and I got me — it cost pretty much, too, just to get a little. And I said, we're eating reindeer bought from Fairbanks I believe, or wherever they do that process of reindeer.

 But the issue of caribou is there. We're hurting bad, especially the elders and the families without hunters.

And not much trapping. I didn't hear any trapping at home. Just that issue on caribou falltime. Still concerns. It's been that way since I joined the North Slope Borough wildlife. Still on the same issue. But hopefully pretty soon we'll be able to work something out. That's our main diet that we eat at home. I see a lot of hurt families there. Most of them unemployed, and it's pretty hard to get a lot of chicken or steaks or hotdogs just to -- besides, they don't last as long as the caribou.

And that's about it, I think.

Thank you.

ACTING CHAIR BROWER: Thank you, Anaktuvuk Pass, Esther. I did have a question. Some time ago the community of Anaktuvuk was developing some sort of caribou association, and has something

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developed? And I think they were going to make a resolution to do something.

MS. HUGO: Well, you must be talking about the UCAN (ph). Our person that we had chosen haven't been active, or we haven't gotten together as the committee, so it's still on process. And I told the mayor, and the tribe that we need to start sitting in, you know -- we need to get this going, because we've been sitting on it for about a couple years now. I know all the bylaws and everything are there, but the person we chose is not as active as we thought he would have been. So I told them we really need to get that going.

ACTING CHAIR BROWER: (In Inupiaq) for

Before we move on, is there any other public and tribal comments on non-agenda items.

MS. HENRY: Point Lay.

ACTING CHAIR BROWER: Go ahead, Point

25 Lay.

the update.

MS. HENRY: This is Lapeda Henry from Point Lay. I would like to speak on my own public behalf as a hunter.

I heard some comments, because we had a North Slope Borough wildlife meeting yesterday that had told us about these regulations that are supposedly coming to our area. We heard some concern from the community about implementation of registration permit, and getting a license. We didn't think that was fair to our community and our village. I don't feel that I should have to go out there and get a piece of paper to buy my own food that's just right out here, that's been for free for me to catch whenever I want.

And I just want to make a comment out there that when September 11 happened, we had nothing, but only -- at most we only had Native food to eat. That's all we had. We had no planes coming in and out. We had no groceries coming in and out, and nobody in the State Department was concerned for us, nobody from the U.S. Government was concerned for us, and yet we were not -- we didn't have no food. We went down to

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one can of peas in our store, and yet we are still here, because we had our Native food. And thank the Lord that we have our Native food here today.

But I just want to make comment that I don't think this is right, and that we should stand up and try to go against this as much as possible, because everything just is coming up this way, and we're being bombarded left and right with nothing but oil and gas, and our animals decreasing.

And also I don't think that the big game hunters should have any rights to hunt any caribou if we're in a decline. It should automatically stop, and that the U.S. Fish and Game should automatically close that off if that's something that's happening.

Thank you.

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ACTING CHAIR BROWER: (In Inupiaq) Those are substantial comments, and in line with a lot of people's thinking, that, you know, registration permitting for subsistence should be the last resort, not a midstream resort. I think when we're talking about our communities that subsist. Out of a community of 280 people, there's probably maybe 60 jobs, maybe less than that in the community. The rest of the people depend on each other to harvest, and that's our backyard is -- like that's our store.

MS. HENRY: I also have an elder here, Fred Tukroot that would like to make a comment.

ACTING CHAIR BROWER: All right. Fred.

 $$\operatorname{MR}.$$  TUKROOT: Yeah. My name is Fred Tukroot, and I'm an elder.

I've watched this fish and game wildlife since I was born, and I've been here since 1949, born and raised in Point Lay. But nowadays they don't have to send us to school for education and stuff like that. I was pretty much educated on how I was supposed to regulate our hunting laws and bylaws, because that's what we get educated for. I don't think we're dum-dums out here. I think we're doing a real good job at what we do as Natives. You should feel proud of yourselves. Quyaugnukpuk.

ACTING CHAIR BROWER: Thank you, Fred. That's some good words to live by. 2 3 4 Anybody else on line that needs to make 5 some comment. 6 MS. AHTUANGARUAK: Mr. Chair. 7 I really understand what is being said. 8 9 Esther really catches my heartstring with discussion. When you're in the villages, you don't have 10 (indiscernible) that have so many resources to go to 11 fill the cupboard. And we depend on our food from --12 on those waters. The discussion that is going to impact 13 our people, many of them have learned a lot through the 14 generations of the importance of trying to register and 15 to regulate it is a very important discussion. 16 17 that we're going to get into the topics as the discussion goes forward. But the lifestyle and safety 18 19 of our people is very important. And that's what Esther and Lapeda are bringing in. When you don't have 20 anywhere to go, and it's so cold out, the animals won't 21 winter a long time. We still have the same houses in 2.2 the village that have the needs. We share and we share 23 24 and we share. At some level not enough. It's really hard to try to continue to respond to their needs when 25 the only door that opens to hear them are the community 26 health aide, and other offices are not in the village 27 to hear the desperation from the hardship. And our 28 health aides open the door over and over trying to find 29 an answer to questions that don't have solutions. 30 the food banks that we have in our area don't have food 31 32 to share with our families, there are other places to go to, and it's our tradition and culture that care. 33 These families over generations in spite of resources 34 35 that are words on papers that do not bring actual bites of food to our tummies. 36 37 I really appreciate you ladies for 38 39 coming out and for the elder of Point Lay. These are strong words that need to be heard as we discuss this 40 topic, and I really appreciate you taking the time to 41 42 say them. 43 44 Thank you. 45 46 ACTING CHAIR BROWER: (In Inupiaq), 47 Rosemary. Always eloquent in your delivery of good 48 things to hear. 49 50

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And we're under Item 9, public and tribal comments. And I'm going to do last call before we move on to the next agenda item. But be reminded we have another meeting tomorrow, and each day we will provide an opportunity for public and tribal comments. So it's not -- it doesn't end this -- when this tribal comment section ends, and public participation. We'll revisit that tomorrow as we continue our meeting tomorrow as well.

Any other public and tribal comments.

(No comments)

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ACTING CHAIR BROWER: Madame
Coordinator, I believe we're ready to go to Item 10,
old business, and we had rearranged such that Marcy
Okada from National Park Service would be present and
she's here and got off the plane. And we scheduled you
to give you a little bit lead time, knowing that you
probably might have to catch an evening flight or
something. I don't know. I don't know why Madame
Coordinator let you pass everybody else.

(Laughter)

ACTING CHAIR BROWER: Marcy, you're up.

MS. OKADA: Good afternoon, Council members. Mr. Chair. My name is Marcy Okada. I'm the subsistence coordinator Gates of the Arctic National Park and Preserve.

 And I have an update, and it's on Page 35 of your meeting booklet. It's the update I would have shared at your October meeting last year, but I also have some supplemental information that Eva is passing out right now. So I'll just go ahead and go through the update pretty quickly, but if anybody has any questions as I move along, feel free to ask.

There was a research study that was done looking at data from GPS-collared caribou, caribou from the Western Arctic Caribou Herd and the Teshekpuk Herd, showing that they were delayed during their autumn migrations an average of 30 days by the Red Dog Mine Road. That's the road that's in the NANA region. Individuals from both herds encounter the road primarily during autumn migration, and the Park Service

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and the Alaska Department of Fish and Game biologists captured and GPS-collared adult female caribou from both herds. Delayed caribou eventually sped up after crossing the road, perhaps to make up ground they lost while they were delayed. Results from this study suggests, however, that even a single road can alter movement behavior for some individuals. And so there's information on that particular research study that was written up as a journal article.

We also did a study on bears in relation to a proposed corridor to the Ambler mining district. So in 2015 the Park Service and U.S. Geological Survey deployed more GPS collars on grizzly bears. The fieldwork component of this project is winding down, and the collars are scheduled to drop off this July. And once that happens, data analysis will begin. The grizzly bears were collared in order to collect information on movements, denning characteristics, diets, and health of these animals prior to future development in this region.

 Moving along to Dall sheep, last July, so July of 2016, the National Park Service surveyed the Anaktuvuk and Itkillik areas of the northeastern parts of Gates of the Arctic. Survey results indicate that total and adult sheep remain low, but relatively stable in the Itkillik area, but numbers were markedly lower in the area around Anaktuvuk Pass compared with survey results done -- survey results in 2015. This follows the big decline that was observed in these areas in 2013 and 2014. Surveys were not conducted in 2016 in the southern portion of Gates, but results from the 2014 survey across the entire park and preserve indicated there were 25 percent fewer sheep when you compare it to 2010.

The Park Service is considering some ecological studies on sheep and their habitat in the northeastern portion of Gates of the Arctic, and they will be working with Arctic Refuge, BLM, and the Alaska Department of Fish and Game and also local communities in the area. Park Service Staff will also be working with hunters in all of our resident zone communities for Gates of the Arctic in order to collect harvest reporting information.

I guess at this time we have our sheep ecologist, Kumi Rattenbury on line, and I guess the

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question we would like to pose to the RAC is if there's any specific biological questions they have in regards to sheep that they would like to see researched a little bit more.

ACTING CHAIR BROWER: So, Marcy, thank you. Are there any concerns about Marcy's report on the various issues regarding caribou, bears, Dall sheep, and the report that she just presented. Was that somebody on line that wanted to have a question.

(No comments)

ACTING CHAIR BROWER: Well, I have a question. Maybe it was last year or previous year, there was an emergency action on sheep to close off for the preservation due to a drastic decline in the availability of sheep in I forgot what unit. I'm not sure it affected National Park Service or not, and is this in line with some of the concerns regarding sheep, and can you elaborate a little bit about that.

MS. OKADA: I think it was -- I want to say it was 2015 there was large drastic declines in Unit 23, and so sheep hunting was closed in that unit. There's a lot of Park Service lands and State lands in Unit 23, but there was also an area that was made -- because in Unit 26 the closure also was called to have a closure in Unit 26A, and it was meant to be any area west of Howard Pass. But with that emergency closure, it ended up being all of Unit 26A, which was a big confusion.

 But in regards to Gates of the Arctic, we've kept -- we have our western portion of the park that's within Unit 23, and that remains open to the subsistence hunters in the communities of Ambler, Shungnak, and Kobuk. And then also we have kept I guess the same harvest regulation for the community of Anaktuvuk Pass. We haven't changed anything.

ACTING CHAIR BROWER: Just a follow up question, if I could indulge myself, because there's --you know, it's alarming when you can make a broad statement that there was large confusion of all of Unit 26 when the intent was to regulate a portion. Not saying that all of Unit 26 has sheep, but I think undoubtedly there would be other areas on Unit 26 that could have been open that were not affected by the

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closure. I mean, the overlapping regulatory bodies that really need to coordinate and work together and not silo themselves to developing their own independent regulatory edict, really need to work together to come with a uniform approach so that this confusion issue, you may have unnecessarily restricted subsistence user access to somebody or something like that. And sometimes I myself get mixed up on who the law is applying to. Is it the subsistence user, to the sport And those kind of things really should be quides? cleared up. So when you just put a blanket statement out there, is it for everybody, or are you supposed to use the sustained yield principle and have a tier approach like ANILCA is asking you to do. sustained yield where there's levels of closure before you close anything off to the subsistence user. those to me are concerns.

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Anybody else have questions.

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MS. ROBINSON: This is Hilary Robinson calling in from Western Arctic National Parklands for the National Park Service. And I just wanted to follow up with what Marcy said.

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Like she said the closure she was talking about in 2015 in Unit 26A was an error, and it has been fixed and it will not persist. What is happening now is that Unit 26A west of Howard Pass and the Etivluk River and the DeLong Mountains is closed under both State and Federal regulation. However, the area of 26A east of the Etivluk River remains open under State and Federal regulation. So the State and the Federal agencies are coordinating on that.

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43 44 Also, in 2016 the Federal Subsistence Board adopted new regulations for Unit 23 and 26A which included delegation of authority to the Western Arctic National Parklands superintendent Maija Katak Lukin from Kotzebue for the 26A or DeLong Mountains hunt. So if there were -- if we were to see a population rebound where there was a harvestable surplus, there would be the flexibility for the superintendent to allow harvest there. But as of now, the survey results show that there's insufficient recovery to support that.

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ACTING CHAIR BROWER: Thank you. And I do remember us in supporting some of that language for the Park Service a couple years ago I think now.

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But when you say west it's closed, and who is it closed to? Is it closed to everybody or was there a tiered approach or was there such a decline that the closure was needed to do for the preservation of what remaining animals existed.

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MS. ROBINSON: Thank you for your question. I'm going to let Kumi Rattenbury, the sheep ecologist, respond to that question.

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MS. RATTENBURY: Mr. Chair and members This is Kumi Rattenbury with the Park of the Council. Service in Fairbanks. I work for the Arctic, Noatak, and we have been doing sheep surveys on the Noatak National Preserve and Gates of the Arctic, which include the Unit 23, 26A West, 26A East, 24B, 26B, the very southwest corner, which is Gates of the Arctic, and a little bit of 24A. So we have been doing surveys in northeastern Gates of the Arctic and also in the Western Baird Mountains which is near Kotzebue every year since this decline, you know, was apparent in 2013, and then also we had a survey last year in the central DeLong Mountains and also did all of Noatak in 2014. So as a consequence of the 2014 survey which was when, you know, we went on the Western Baird Mountains, and went from 607 adult sheep down to only about 150 adult sheep currently, and it will be similar, been declining in the mountains north of the Noatak River. At that time both the State and Federal hunts, all of them have been closed. So there's no open sheep hunting at all in Unit 23, except for in the (indiscernible) parts Upper Noatak River Valley, and that's, like Marcy said, has been opened to the communities that have sheep hunting -- that can hunt sheep in that part of Gates of the Arctic Park. West, like Hilary said, is closed, 23, and the park is closed completely to everybody, and that's because the order of sheep is only like a couple hundred on either side of the Noatak River, (indiscernible) there's been a decline in the early 1990s that would also kind of was closed for several years. We're continuing to monitor that with annual aerial surveys. And that's just for Gates of the Arctic.

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There was also a large decline, but they're part of a larger population of sheep right across Central Brooks Range. And Marcy and I have been meeting with people in the community of Anaktuvuk Pass to get kind of community harvest reporting numbers, and

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also we've asked people to voluntarily reduce sheep harvest and particularly to not harvest ewes. And there has not been an official closure there for the Federal hunt, but there are -- or, you know, when the 26A East was closed, that was actually in 2014, that was only on the State hunt. The Federal hunt stayed open, but like I said, we've just been trying for the community to reduce harvest in that part, in the central park, Unit 26A East.

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ACTING CHAIR BROWER: Well, I mean, that's a lot of fast talk, you know. And it would have been....

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MS. RATTENBURY: Sorry.

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ACTING CHAIR BROWER: Yeah. It would have been great if you were able to be present and use a pointer or something like that to show some of the questions that are related to this. And I think we should strive for, you know, those that are going to talk about the resources that the people depend on, and, you know, we just don't have fast talk. You come down and do a presentation and show the maps, and slow down a little bit and be able to -- because there's -- you're going like 100 miles an hour in your explanation. It's hard to keep pace with that.

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But some of the concerns that we raised over time about how did we get there, when you've got absolutely no harvestable surplus from a population that was healthy, and you've suddenly got only 100 animals left. That seems to me that there's a problem with issuing permits, or the guides are not being managed properly, and it leads to all kinds of different types of questions as to how can a population like that, other than being all sick all at the same time, or some sickness affected them, to affect a whole range of their habitat and affect a whole population like that to close off emergency, everybody, and not even the sustained yield principle applied, because it suddenly became an emergency. It seems to me that when you're looking at a population, you strive for the maximum growth for the population, and then you allocate those resources. And then when it starts to decline, this is the first to go. You reach a threshold and all the guides go. You reach another threshold, then the urban hunters go. Then you reach another threshold, then it's limited to rural

subsistence use. Those are the types -- I think those are the laws are in place, and it's just alarming how you go to the drastic action, and I can only lead to some failure in methodology to allocate these resources correctly. And that's -- unless you have a great explanation for that.

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MS. RATTENBURY: Mr. Chair. Sorry. If I may, I apologize for speaking fast. I'll try to slow down. And I also apologize for not being present there with all of you. It would be great meet all of you.

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So the best way to explain this is that, you know, we had a couple of very severe weather events, in particularly in the spring of 2013. It was very cold in May during the time that lambs are born. And we actually saw very low ram numbers in multiple places, including across the Brooks Range, two areas in Canada, the Alaska Range, including Denali National Park, and in a couple places of the Wrangell Mountains, also in Yukon-Charley River. So Dall sheep range from -- you know, they're in Yukon Territory, they're in the Northwest Territories, and pretty much in all mountain ranges in Alaska. And in multiple areas they had just very low lamb numbers. Additionally, in the northern most areas, there was high adult mortality during those winters. So there's severe cold during that one winter, icing events the following winter. So it was very much an environmental cause for this recent decline.

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And as far as hunts in Unit 23 and 26A West, in the DeLong Mountains and in the Baird Mountains, so both north and south of the Noatak River, those hunts were already regulated by the State and by the Federal system as far as there was a quota in both areas that was sustainable, and there were also registration permits both for Federal hunts and State hunts. There was also a drawing hunt that had a limited number that were allowed into that so as part of that. And that would have been to non-residents, so none -- people from outside of the State. And Fish and Game actually closed that hunt; they didn't issue any drawing permits before we ended up doing emergency closure on the State. So the State closed their hunts, the registration hunt, you know, that's open to -first they closed the drawing hunt open to anybody from outside of Alaska, then they closed the resident hunting, and then the Feds closed the subsistence. because, you know, this was -- it basically happened

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during one winter, this decline, like all those closures came down at the same time.

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So hopefully that helps explain it, but I'm happy to take additional questions, and also would be happy to speak with you all in person at your next meeting about this.

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15 16 ACTING CHAIR BROWER: Thank you. That was a good explanation. I think those are the types of things we want to hear is how you got to that type of conclusion. It was environmental degenerated, and the biologists had taken samples, and saw a lot of die-off due to harsh winter conditions. I think those things should be noted. It's real easy to start to assume something when you're not hearing the whole story. So thank you.

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All right. Any other questions from the Council on the report from Marcy while her biologist is on line. Anaktuvuk.

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MS. HUGO: Yeah. Kumi, I missed you when you were up last week. How did that go about.

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MS. RATTENBURY: Hi, Esther. great trip. We were able to collect some sheep pellets and some yellow snow samples from the Upper Anaktuvuk River on a couple different days, southeast and Buckner, which was really nice, and were able to get some snow depth measurements in that area, and then also went down to the Publituk area, down the John River and picked up some samples from there as well. So I will submit those to the lab for some genetics work, and then also to look at diet. From the pellets you can get an idea what they're eating at this time of year, and then also the quality of that forage. And you can also get some ideas for the health of the sheep by looking at some hormones that are also shed with the pellets. So we're hoping to get a better idea of some of these factors that affect sheep and the effect on adult survival in the wintertime, you know, as far as affecting their health getting through the winter, since the timing of the quality of what they're eating isn't as good as it is in the summertime. But this is the time when they might be nutritionally stressed, and that's true for a lot of other animals in the north. So we wanted to get an idea for that as one potential factor that could be affecting sheep. And I'll keep a

look on that long term.

But we'll also be sampling in the Upper Iktillik River Valley, which is the next drainage east of Anaktuvuk. And then in another year we're hoping to do something similar in the Western Bairds Mountains north of Kotzebue and east of the Village of Noatak for that population of sheep.

MS. HUGO: Thank you. And there's no sheep that was collared? You don't collar sheep, do you?

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 MS. RATTENBURY: No, we don't have any collared sheep at this time. We've been talking with Brad Wendling, he's the State sheep biologist in northern Alaska, currently about some potential projects in the future, to collar some rams at different ages in some areas. Or at least east of Anaktuvuk Pass in the preserve where there's some sport hunting, because we're interested to know what some younger rams are doing as far as the movement, survival, and kind of what they're going at different times of the year. And then also interested in doing some disease screening with Fish and Game.

MS. HUGO: Thank you.

MS. RATTENBURY: Thank you, Esther.

ACTING CHAIR BROWER: Any other questions for Marcy Okada on her report.

MR. KAYOTUK: Mr. Chair. I think it will be good to -- when you're doing Dall sheep, I think you should detail in more specific -- like for health-wise, you know, I think being surveyed and studies should be in the -- like if you go in the ecological studies like that, I think, you know, it should come down to right down to the health-wise of the sheep population to bring down what's causing the decline of -- millimeters (ph) and things like and studies, and like opening and closing would be a way to go to do some kind of studies like this to look into other than just during the survey and mention the health-wise for these sheep of what's really in them.

Thank you.

ACTING CHAIR BROWER: Thank you, Lee. I think that was in the form of advice to be a little bit more detail and a little more information about the sheep itself.

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MS. RATTENBURY: Yeah. Thank you. I think also, you know, the State, Arctic Refuge, and the BLM biologists, we're all looking to work together on some joint projects in the Brooks Range in the next --starting up in the next year or two, or a couple years, just to get a little bit more research done.

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ACTING CHAIR BROWER: Very good. Any other questions from the Council on Marcy's report.

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MS. AHTUANGARUAK: Gordon, this is

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ACTING CHAIR BROWER: go ahead,

Rosemary.

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MS. AHTUANGARUAK: Yeah. These are really important discussions. I just want to put a few jobs in the environments. It's really important as we're looking at this process that we try to interact as best we can with those that are wanting to do research, and what researcher's being involved, and trying to work together to gather information as best as possible and to increase the interactions. really worried about when low numbers and monitoring in ways that there would be processed as to how the few remaining numbers that we do have. But I also know that identifying the issues around these discussions are very important, so the input everybody is giving is very important in this discussion. Watching the numbers is part of the process of identifying what's really happening, but also making sure that we do have numbers for folks to continue to have resources into the future. I really appreciate that we look in various areas as well as the areas that are important to each of our various villages in these discussions. very dear and important resource. There's also biological benefits that are important at those times in our lives, and this time of year it's very important to the health of our people. Our people don't eat it as they used to, but as you know that benefits (fading a bit as well as echoing) factors that happen with eating this type of food, and making sure that we protect them, and that always come back to the

importance of the food in times when we don't have other resources to harvest. It's also very important to this discussion, the understanding of how the food contributes to the health of our overall eating this (indiscernible). And (indiscernible) bearing the burden to the food (indiscernible) discussion as we look at it. Elders have talked to me about the (indiscernible) come out of, because they want no modern medicine, just (indiscernible). There are times

when (indiscernible) that's available. 10

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So thank you.

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ACTING CHAIR BROWER: Thank you,

Rosemary.

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MS. RATTENBURY: Thank you.

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ACTING CHAIR BROWER: Thank you. I can, before we move, I did have a question on -since it's closed and when the time comes to reestablish the hunt, and I'd like to see the historical population data on the sheep, what the historical high is, and the reason why there's a quota, and if that's based on the harvestable surplus, and the methodology used to determine the outside world will be able to harvest, these guides, and develop a system to where we're not saying that there's 500 sheep now, now let's open it up when we can -- you can do much better than that. We shouldn't be managing herds at a low number and say it's harvestable just because they can mate and make five new ones in a given year. And determining that's a reasonable rate of return and sustainable. really don't think so. I think you need to have, you know, like two or 3,000 established. And then a subsistence portion of that.

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And I'm always saying the Federal subsistence mechanism through ANILCA is the right way to go. It recognizes rural subsistence needs. The State model is a defunct, busted up, messed up way of allocating resources, because they do not recognize rural subsistence priority. It is a personal use issue developed. In 1994 the State refused to have a rural subsistence priority, and there was a split of management between the Federal and the State on lands. And that's something the State has to grapple with, and that's always a big problem for the rural subsistence use, because the State manages it for all of its

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residents. If you've got sheep in these areas where rural residents need to hunt for resources, guess what, the State says Fairbanks has a right to it, Anchorage has a right to it, Juneau has a right to it, and Montana has a right to it. And that's -- to me, that really hurts the State when you need to provide food security issues for communities in the rural areas.

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So that's one thing I was just -- I can give a lecture on that all the time, and there should be a mechanism how you reestablish and certain thresholds, and meet with RACs and get their opinion as to how best to proceed. I think they're that important in these days, major declining resources like caribou. We had 400,000 -- 490,000 Western Arctic Herd. We're dealing with 200,000, about less than half. And all these resources are getting to threshold conservation management. And it's just alarming for our communities.

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With that, I did have one other question about the Red Dog Mine Road, why you're deciding to bring that up today. It seems to me there's a little paper, Abler Mining District industrial access project, kind of be like it's a coincidence. And a long time ago we needed the data from the Red Dog Mine Road, because we were hearing issues and concerns about crossing probability on roads, and we were not able to access that information, maybe because it was being interpreted, it was being studied. And is it in the form that it can be used by multiple agencies now. It seems to suggest crossing probabilities issues from the Teshekpuk Caribou Herd to the Western Arctic Herd on the Red Dog Mine Road, and has issues and concerns that we need to collect that type of information for potential roads that might impact the Central Arctic Herd, Teshekpuk Herd up in the Arctic. And I'm glad to see that there's some language here about it, and it's very useful information for planners that need to have access to studies and conclusions on impacts.

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Marcy.

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MS. OKADA: What was the main question, Mr. Chair. If there's....

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 $$\operatorname{ACTING}$  CHAIR BROWER: The Red Dog road information on caribou crossing, it seems there's a

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little write-up here about the Western Arctic Herd and the Teshekpuk Herd were delayed during autumn on an average of 30 days. And it seems like somebody's been studying the information on radio-collared information with GPS collared. And the period of time 2004 to 2012, 2009 to 2012.

MS. OKADA: So a research study was done using collared data -- or data that was coming from radio-collared caribou. And it was written up in a journal article. It was a joint study with Park Service and ADF&G. And it was sort of a timely study considering that the Ambler Mining Road is being proposed. And so I think that's when they gathered all the GPS data to just write up a report with looking at the effects of roads on migration.

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ACTING CHAIR BROWER: Yeah. I think it's important. Thank you, Marcy. It just seems like it's very selective I guess. Because we had a need for this information on issues from Nuiqsut when roads were being developed, and crossing probability, delays of major movements of, you know, 200,000 animals in their movement. And there are these types of concerns, that we had requested information, and somebody write it up so that it could be used for other projects, the potential ramifications of building those kind of roads.

 MS. OKADA: Speaking of the Ambler Mining District industrial access project, Rosemary had requested that Gates of the Arctic give an update on this projects. And so Eva handed out....

ACTING CHAIR BROWER: Turn your mic on.

 MS. OKADA: Eva handed out I guess our most recent update, which I'll just quickly go through. I don't think Rosemary has a copy, so I'll just go ahead and read it.

ACTING CHAIR BROWER: Go ahead.

MS. AHTUANGARUAK: Thank you.

MS. OKADA: The Alaska Industrial Development and Export Authority, AIDEA, filed an application for a road right-of-way permit across Gates of the Arctic National Preserve in accordance with

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ANILCA, section 2014. On July 29th, 2016, the National Park Service notified AIDEA the information in their application was sufficient, and the National Park Service would proceed with the permitting process. Although the Ambler Mining District industrial access project is for a road from the Dalton Highway to the mining district, the National Park Service permitting process will only consider the portion of the project which crosses the Kobuk River Unit of Gates of the Arctic National Preserve.

The permit application proposed two alternatives for consideration, a northern route and a southern route across the preserve. Either section is about 20 to 22 miles long. The National Park Service is now starting to prepare an environmental and economic analysis, otherwise known as the EEA, which will help decide which route the National Park Service will recommend for the right-of-way.

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The Bureau of Land Management is the lead agency in preparation of an environmental impact statement, EIS, which will evaluate impacts of the entire length of the road. The EIS process will include public scoping meetings, and the Park Service will consider information gathered during that process.

The National Park Service will schedule village consultation meetings for the environmental and economic analysis that we need to conduct in the near future.

For more information, please contact our superintendent of Gates of the Arctic, Greg Dudgeon.

And I've also attached a Federal Register notice. It basically was put into the Federal Register in order to extend the completion date for the environmental and economic analysis. So the date for the completion of the draft EEA is extended until March 29th, 2019, and the date for completion of the final EEA is extended to December 30th, 2019. And this is so that it would be timed with BLM's EIS due date also.

Are there any questions.

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ACTING CHAIR BROWER: Any questions from the Regional Advisory Council from the North

Slope.

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MS. AHTUANGARUAK: When you take the discussion into the context that we're looking at some of these issues before us, it's really important that we look at the various variables that are contributing to some of those discussions. That the north to south roads of the Dalton Highway and how it came into the Arctic with the process of already been damage, development and then the presentation of that development as it increased into the west. have the additional discussions of the activities with the Red Dog Mine as well as now future discussions with changing more, Department of Transportation development with the Ambler Road. All of them have separate types of impacts with their geological location, but their impacts are similar with the reality of the overlay of lands and roads into caribou migration routes over a very lengthy swath of their traditional use area. importance of activities into the Arctic with all of these various levels of change are greatly impacting our animals and our subsistence and traditional use activities.

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I want more information that's presented to help us break down into presentations in various levels of communication that will support the reality that changes are affecting subsistence. And hunters come and talk about how difficult it is to try to hunt in these different areas, and we're having layers of information brought before us, but the complexity of the continuous rapid change in biologically important area of renewal is affecting many different species, and we're very concerned about all of the discussions.

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So thank you for giving that update. I know I haven't been around close to receive information, and dealing with some of my issues, I couldn't delve into the layers of information that I've been getting through email, but getting an overview like this is very important, because we have a lot of concerns about the number of the animals that we ave. But for me, it's all about the life, health and safety of our people who are going to try to continue to harvest in our harsh environment with the rapid changes to our climate and the risk to life, health, and safety, and whether or not they'll return to our villages, which harvest or not, or bringing their

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bodies home. They're important discussions that must happen, because it's affecting our daily lives out in our lands and waters. And I really appreciate the information, because I know we're greatly concerned. But I also have great concerns for all of the various hunters that are going out to try to harvest with all the complexity of words and layers. But it's about feeding our families in a very harsh and restrictive environment, that depends on how the animals that roam about have given us to feed our families and to the generations to come.

Thank you.

ACTING CHAIR BROWER: Thank you,

Rosemary.

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I just wanted to point out as well, when there is something affecting a region outside of our region, we try to find out how that region's Regional Advisory Council has expressed their opinion, and we try not to front our opinion against theirs, and a lot of times, you know, we try to remain respectful of another region's advisory council, and hope that we can hear from the leadership in the NANA region concerning this.

And I'm glad to hear about it now. It gives me some insight as to -- to learn more about it. It seems like it's going to be a fast pace, by December 2019, to get a final rule on that. And I think it's important to stay engaged on such matters.

Thank you. Any other questions to

Marcy.

(No comments)

 MS. OKADA: Lastly, the government-to-government consultation on the Ambler Road, we decided to send out initial government-to-government consultation letters to all tribes that harvest from the Western Arctic Caribou Herd. So consultation initially will be through a letter to all those tribes, tribal governments.

ACTING CHAIR BROWER: Thank you, Marcy. And we look forward to having that consultation.

I do have a small concern that the little tiny bit of information regarding crossing probability and delay of migration issues, there should be a little bit more extensive review as to what the cause of that. Was it just because it was the road, or was it the traffic and the dust that it produced. It might be that the road was during a very busy period of time where they're needing to load up the ships with that lead and zinc, and very active and providing nonstop trucking. Those kind of questions, there should be detail in this. All it says here is there was a delay, because the road was there. It leads you to other questions about what was the underlying cause of why the crossing probability was delayed that much.

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And we've had those kind of issues develop on the North Slope Borough rezoning, issues of projects. We incorporated mitigation measures such as during peak calving and migration periods, convoying would have to occur, not individual trucks going nonstop back and forth, unlimited, but, you know, put them together and say, we're going together, get one load to the ship one time, and then come back, instead of this non-stop.

 So the Borough has tried to do different things to limit impacts to caribou on roads that had a potential to have the same kind of impact that the Red Dog Mine is described to have here in this little blurb. But it fails to describe what the underlying causes are, and I think that really needs to be fleshed out, instead of making a broad statement like that.

Thank you.

MS. ROBINSON: Mr. Chair. This is Hilary Robinson, chief of resources for Western Arctic National Parklands for the Park Service.

 And I'm curious, since you were talking about wildlife issues on NPS, National Park Service, and adjacent lands, I thought it might be worth taking a few minutes to update the Council on some muskox work and bear work that is in and adjacent to Unit 26A. Is that something the RAC would like to hear now, or would like to hear under agency reports tomorrow.

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ACTING CHAIR BROWER: Yes, let's do

that -- and I'm going to yield to the Council. I think there's going to be an opportunity to provide that type of information on tomorrow's meeting, and we'll have more of the Council present. I think Steve Oomituk will be able to call in at that point, and gain some of the important dialogue that he may bring into the discussion.

And I appreciate, Marcy, you know, we put you up in front of the line, and tried to get your stuff out of the way, but for that additional information on muskox and other things like that, I think we should -- there's going to be ample time in tomorrow's session to accommodate that.

MS. ROBINSON: Okay. Great. Thank you, Mr. Chair.

ACTING CHAIR BROWER: Would the Council agree with that, or you want to hear the muskox stories.

MR. KAYOTUK: Mr. Chair. I think we should follow along onto our agencies reports, to follow that with the agency reports.

ACTING CHAIR BROWER: All right. Okay, Marcy, you pointed one finger here. Okay. Go ahead.

 MS. OKADA: Just one final statement. So within the report that's cited for caribou and the delayed migration, there is more specific information that explains what those causes could have been that caused the delay in the migration. So the details are in the larger report, not necessarily in this paragraph that I gave an update on.

ACTING CHAIR BROWER: I think that's good to know. And is it in the material that's provided in here, or is it in a report somewhere else, we don't have privy to it now?

MS. PATTON: Mr. Chair and Council. If I may, so we had actually -- this report had come out in 2016, and so we had copies for the Council in the 2016 meetings. Unfortunately we didn't bring copies for this meeting as well, but I'll make sure that that report gets mailed out to all the Council members so that you have it in hand.

ACTING CHAIR BROWER: All right, Madame I just want to remind you of something. Coordinator. I think we're all real busy. I know Esther is sometimes the mayor, and I know Wanda is actively hunting probably and killing things, and Lee is probably in Point Thompson and doing things. We're very busy, but having detailed reports that talk to us so that we can provide feedback, because I might be reading a rezone application, comprehensive plan, and that type of other day-to-day business things that I might not actually get to the material I'm expected to digest. And it might get overlooked. As simple as that. So it's important to provide -- if you're going to provide -- you think you're going to provide a little bit, and then we've got to think about, really, it's the road, and maybe it was the trucks on the road. So I think it's important to try to provide not a little bit, but all of it, and maybe talk about.

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> Here's one thing that we talked about for the longest time was the population decline, and what could have contributed to that. And one of the possibilities that a drastic population decline occurred when the caribou were turned back from the Red Dog Mine Road, they went all the way back almost to Point Hope, went around, and then tried to come around. And time had caught up to them, and they hadn't actually gotten around the Brooks Range. And I think two or three of the radio-collared animals quit moving, and they were considered to have -- you know, the mortality had caught up to these. They had died. one collar in a herd of 200,000 animals, or more, represents 5,000 or more animals, and you have three of the radio-collared ones die, does that represent 12,000 animals died, because they had to turn all the way around back on the north side of the Brooks Range when they already expected to cross for the winter to the other side, toward the Seward Pen area, and they got caught up. That was one analogy that was given about the consequences of turning back a major migration when they need to go over the Brooks Range to their wintering grounds. And, mind you, with a lot of calves.

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And those were some of the things that I've heard the biologists say. The radio collar, they're a percentage of the herd. It's a representative of the herd. So if one of those radio-collared animals died, it could have represented a

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percentage of that herd. When two of them died, a larger percentage. And so that was some of the dialogue in where did all the animals go, when we're thinking, hey, there's 30,000 animals missing; what happened to them. Did we shoot them all. Or did ADF&G take them somewhere. But, you know, that's a representative of the herd. So that kind of dialogue needs to be included in this.

If you're talking about road impacts, the crossing probability, including the ones that were turned back, and you didn't even mention in here, maybe it's in the larger summary, the die-off of that year that was represented with those, with the animals being turned back. And these are not my words, these are your biologist that said these things. And that shouldn't be hidden, but it should be analyzed so that people like me are not going to assume the worse.

Thank you.

MS. OKADA: Thank you, Mr. Chair. Thank you, Council members.

ACTING CHAIR BROWER: All right. That was old business, and we've concluded with that I believe. Madame Coordinator, I think we're under new business, and if you could run the gamut of our new business.

MS. PATTON: Sure. Mr. Chair and Council. And there was one other item under old business, which was the draft MOU with the State. Stewart. And at the wish of the Council, the draft MOU with the State, which is simply an update on the status of were that is at. It also was part of the OSM update. So we can cover that now or we can cover that with the summary of the OSM.

ACTING CHAIR BROWER: Was that Alaska Native relations.

MS. PATTON: No. As the Council may recall, there's been an MOU with the State of Alaska and the Federal Subsistence Program and Board to come up with essentially just a working pathway to work together. And the Councils had provided feedback and recommendations on that at the fall meeting. And so this is simply an update on where that is at right now.

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ACTING CHAIR BROWER: All right. just seems like you didn't add it when you added Marcy 2 Okada on there. But what's the wish of the Council. 3 Do you guys want to hear an update of the MOU with the 4 State and the Feds. Or do you guys want to put them at 5 6 the back of the bus. 7 (Laughter) 8 9 MS. PATTON: Yeah. Mr. Chair and 10 We did -- because it is just a brief update, Council. 11 we had kind of lumped it with other OSM updates, and so 12 that would be simple to do when we have the OSM updates 13 under agency reports. We can combine those all 14 together if that's the wish of the Council. 15 16 17 ACTING CHAIR BROWER: Thank you, Madame 18 Coordinator.

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23 24 What's the wish of Council. Do you guys want to hear the update on the MOU? I think it might be important. And then we could see how they're trying to cooperate, or if they're trying to make Federal law out of State law, and get alarmed or something.

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MR. KAYOTUK: Mr. Chair. I think to follow along on that MOU update would be -- which is brief, would be important to hear, I think.

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Thank you.

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MS. PATTON: Sure. Did you want to hear it now or....

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ACTING CHAIR BROWER: (In Inupiaq) Let them do it.

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 $$\operatorname{MR.}$  COGSWELL: Mr. Chair. Members of the Council. My name is Steward Cogswell, and I'm the fisheries division chief for the Office of Subsistence Management.

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I have a brief statement, a written statement, here from our office, and it's just very quick. And if there's any questions that I don't have answers, I'll take them down and probably get them for you before the end of the Meeting. So I'll read this to you now.

There are a few new developments on the revisions to the memorandum of understanding between the Federal Subsistence Board and the State of Alaska. As you recall, the draft MOU was presented to the Councils during the fall 2016 meeting cycle, and the Councils were provided opportunity for input. Those comments have been recorded. Additionally, the State of Alaska has provided its comments. Additionally, the various State fish and game advisory committees have provided their input. The working group, consisting of State and Federal employees working on the revisions to the MOU, will be meeting to discuss incorporating all those comments.

Once those comments are integrated, a new revision will be prepared that incorporates comments from all the stakeholders, and works out language agreements between the State and Federal participants. The revision will be presented to the Board for approval. The time on when it is ready for the Board will determine whether the Councils see the MOU before Board approval.

So everything's kind of -- it's in process right now. They have comments from the State, from the advisory committees, and from the Regional Advisory Councils and they're putting those all together right now. So that's sort of the status where we're at. So there's not much of an update, but that's exactly where we're at right now

ACTING CHAIR BROWER: Any questions to -- what was your name again?

MR. COGSWELL: Stewart.

 ACTING CHAIR BROWER: Any questions to Stewart on the MOU update between -- is it OSM and ADF&G?

MR. COGSWELL: It's between the Federal Subsistence Board and the State.

ACTING CHAIR BROWER: Okay. I have a question. It seems like you said, it's not much to report other than you're collecting comments and things like that. Before it's signed, when do we see the proposed language, and what are you -- what is the intent behind the MOU. Is it to align and streamline

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regulatory process between jurisdictional boundaries? Is that part of the intent so that State regulations on State land can be more aligned with Federal regulations, or vice versa?

MR. COGSWELL: Mr. Chair. I think it is more along the lines of just an agreement to work together. It doesn't get into specifics about, you know, we're going to do this on this, or work on this. It's just a general agreement on how to work together, you know, and how to address certain issues, or how issues would be addressed. It's kind of a blanket-type agreement to work together on different issues. It does not get into specifics on how to address individual issues.

ACTING CHAIR BROWER: And just to follow up here, will we have an opportunity before the signature, maybe -- how is that going to work? Will it come to the Council to look at, or is it going to be maybe the Chair and the Vice Chair to take a look at? What do you envision as its vetting process.

MR. COGSWELL: This prepared statement was prepared by our regulatory division, and it says the timing on when it is ready for the Board will determine whether the Councils see the MOU again before approval.

What I will do is right now during a break or something, I will call back to our office, the regulatory division, and find out exactly where they're at with that, and I'll give you an update for the timing, what exactly the timing is, and if there's a plan for the Council to see it before it goes to the Board for signing. So that's what it says here. I'll make sure that -- it may to back to Councils, it may not, but I'll get that -- I'll call regulatory division and get that answer for you before the meeting's over.

ACTING CHAIR BROWER: Thank you. I think it's important that we know what we deliberated on and provided comments on, and then ultimately the language you're proposing under the MOU. And if it's substantial, because we do have concerns. When we're starting to see declining caribou, the State willing to go out of their way to develop new regulatory -- to do something, and the Borough Fish and Game Management committee, I could remember saying let's do this before

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the State does it. And have an opportunity to shape those regulations, locally home-grown regulations and propose something, because we're often too -- sometimes blind sided or even tagged down to something through an MOU that maybe we shouldn't have, like the promoting of registration and hunting licenses to do subsistence activities when there's other mechanisms that we could use before we do something like that, to make a more conservative approach to management. So I think it's important to let us at the Council level take a look at tat as a vetting process.

MR. R. NAGEAK: Just a quick question. Is there a copy of the MOU that is available for the public.

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MS. PATTON: Mr. Chair and Council. We don't have copies with us right now. I can try to make copies -- and this was actually the earlier draft, so the Council, all the Councils at the fall 2016 meeting were reviewing what was the draft MOU at the time, and making recommendations for, you know, any concerns, questions, additions they would like to see.

And I guess I can also point out that these are long processes with the Council meeting, making recommendations, and coming back. There is a brief summary of the Council's discussion and recommendations on the MOU in the Council meeting minutes, and that's on Page 16 in your books where the revision of the memorandum of understanding with the State of Alaska is there.

 So what we can do, if you're interested in the draft MOU that came before the Councils in the fall, is provide you a copy of that. And now what's being worked on is the Board reviewed the Council's recommendations on that MOU and then the regulatory Staff along with the State of Alaska are working on incorporating the feedback and edits. So there isn't an updated draft yet, and that's why thing is a brief update today unfortunately. But I can — we have a little printer if I can get it working, I can provide that draft MOU that was provided to all the Councils at the fall meeting for tomorrow morning.

ACTING CHAIR BROWER: Sounds very good. I'm pretty sure there's been some amendments to it and changes from the comments and it would be nice to take

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a look at that.

business.

MR. COGSWELL: Mr. Chair. I'll try --when I talk to our regulatory division, I'll try to print out a summary of the general changes the best I can at this point. So I'll get back to you guys as soon as I can.

Thank you.

ACTING CHAIR BROWER: Very good. I think in the spirit of cooperation and transparency, I think it's warranted, so we should be looking at that.

Madame Coordinator, next order of

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MS. PATTON: Mr. Chair and Council. While we're on the subject of meeting minutes, we had deferred that this morning, because that was an action item by the Council. And we do have quorum now. And this might be an nice opportunity to review the minutes, see if there is additions or edits or changes.

And, of course, I'd like to welcome our new Council members, Wanda Kippi and Esther Hugo. And so these were the minutes of the fall 2016 meeting, and then the Council reviews those at their following meeting, takes a look to see if they're complete and accurate, if there's any further edits or recommendations, and then either make some recommendations to edit or approve the minutes. So it will be new information for you, but a good way to get a sense of what the Council had covered at the fall meeting, and it does address the MOU in there, and particularly the Council's feedback and recommendations at that time.

ACTING CHAIR BROWER: Thank you, Madame Coordinator. And we did discuss earlier this morning that we would postpone the minutes until we get a quorum. Now that we have a quorum, I think it's an opportune time to entertain the minutes.

MS. PATTON: Mr. Chair and Council. And the meeting minutes begin on Page 8 in your meeting books.

MS. AHTUANGARUAK: Eva, is this the 2 meeting that we held in Anaktuvuk Pass? 3 4 MS. PATTON: Hi, Rosemary. This is the 5 fall 2016 meeting that was held in Barrow. 6 7 MS. AHTUANGARUAK: Okay. I just wanted to verify which meeting it is. 8 9 MS. PATTON: Yeah. October 31st and 10 November 1st held in Barrow here, and Gordon had helped 11 12 to Chair that meeting as well. 13 ACTING CHAIR BROWER: Yeah. 14 Chair, I think we would need a motion from the Council 15 to entertain the minutes, and then take time to look 16 17 through them, and then act on them. So I think it's an appropriate time to look at the October 31 and November 18 19 1st, 2016 meeting minutes. And we'd need to act on 20 that by a motion. 21 MS. AHTUANGARUAK: 2.2 Motion to approve the minutes as to for discussion. 23 24 ACTING CHAIR BROWER: There's a motion 25 on the floor to adopt October 31 and November 1st, 2016 26 27 minutes. 28 MR. KAYOTUK: Second it. 29 30 ACTING CHAIR BROWER: It's been 31 32 seconded for discussion. I think we could have a couple minutes to review and see if there's any 33 discussion that develops. I've got a question on the 34 35 minutes. I don't spell my brother's name as Lois, and if you guys can change his name back to Lewis. 36 37 38 MS. PATTON: Mr. Chair and Council. So 39 Lewis, L-E-W-I-S? 40 ACTING CHAIR BROWER: I think so. 41 42 MS. PATTON: Thank you. And, Mr. Chair 43 44 and Council, and especially for Esther, former Council member James Nageak of Anaktuvuk Pass, I called him the 45 46 professor. He would provide all the spelling 47 corrections and correct Inupiag spelling for names and place names. 48

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ACTING CHAIR BROWER: Yeah, and somebody's going to have to take up that torch to do the spell checks and what not.

I see on another page it's Lois again, and he made his public testimony. Lewis.

I see in the minutes we had some dialogue with the State under revision to memorandum of understanding. And just from looking at some of the things what were involved with, there's a member of the Regional Subsistence Advisory Council that's selected as a member to the Subsistence Resource Commission on either Gates of the Arctic or something like that. And did -- with James stepping down and retiring, did that leave a void right there that we need to fill? And it's usually a representative of the RAC that participates subsistence activities in the national parklands.

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MS. PATTON: Yes. Thank you, Mr. Chair. And we have Marcy Okada here, and now that we have a new Council member appointed from Anaktuvuk Pass, that seat that James Nageak had recently held is vacant, and so we were hoping at this meeting that we would be able to address that. We can today while Marcy's here, and have a nomination by the Council for a representative to be appointed to the Gates of the Arctic Subsistence Resource Commission. And Marcy could provide a little bit more background on the Subsistence Resource Commission and it's role. But that is a formal part of the Regional Advisory Council in the interaction with the parks, so that there's a representative from each Council on the SRC, and those communications.

ACTING CHAIR BROWER: All right. You're almost giving me information overload now. I ask because, you know, I try to speed read through some of this stuff, and I just pointed out Subsistence Resource Commission, and we need to provide a recommendation, and I'm not suggesting that we do that now, because we're under the minutes, and we need to adopt these minutes and get them past us. But just looking at some of that information, it appears that we're going to need to nominate a user of the national park as a Regional Subsistence Advisory Council member to that commission. So I just wanted to point that out.

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Page 97 Any discussion. Any further discussion 2 on the minutes. 3 4 (No comments) 5 ACTING CHAIR BROWER: 6 I don't hear any further discussion on the minutes. And we have a 7 motion on floor that was seconded for discussion. 8 9 what's the wish of the Commission. 10 MS. KIPPI: Ouestion. 11 12 ACTING CHAIR BROWER: 13 The question been called for to adopt the October 31/November 1, 2016 14 minutes. All those -- oh, yeah. All those adopting 15 the minutes with the suggested changes and typos that 16 17 were noted signify by saying aye. 18 19 IN UNISON: Aye 20 21 ACTING CHAIR BROWER: All those opposed 2.2 same sign. 23 24 (No negative votes) 25 26 ACTING CHAIR BROWER: Hearing none, the 27 minutes have passed. 28 29 Madame Coordinator, next agenda item. 30 Okay. Mr. Chair and 31 MS. PATTON: 32 Council. As we had noted earlier, a little bit of flexibility to try to accommodate schedules. And 33 indeed addressing the SRC appointment was under agency 34 35 reports. And since Marcy is here now, if the Council would wish to address that, Marcy would be able to 36 provide some better background, especially for Esther 37 38 on that process. 39 ACTING CHAIR BROWER: All right, Madame 40 It's time to be real flexible as agreed Coordinator. 41 earlier, so we're going to ask Marcy to talk about --42 is it the Subsistence Resource Commission for the Gates 43 44 of the Arctic, and we need to nominate a sitting RAC member that has subsistence uses that do occur in the 45 46 Gates of the Arctic land, the parklands. 47 So for the record my name 48 MS. OKADA: is Marcy Okada. I'm the subsistence coordinator for 49 50

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Gates of the Arctic National Park and Preserve.

And, yes, in the past we've had -- we actually have three RAC appointed members to our SRC, or our Subsistence Resource Commission. One is appointed by the North Slope RAC, one is appointed by the Western Interior RAC, and one is appointed by the Northwest Arctic RAC. And so currently our North Slope RAC appointment is open, and there's a vacant seat, which James Nageak has filled in the past. And Sam Kunaknana from Nuiqsut was the interim RAC appointee, but unfortunately he was never able to make it to a Gates of the Arctic SRC meeting.

ACTING CHAIR BROWER: Marcy, I've just got a question. We know by default Anaktuvuk is right there. I mean, they're practically living in the park here. And are there any other communities that have use of the parklands other than Anaktuvuk? It was said at one time the reason why we had Sam Kunaknana at the time from Nuiqsut is those hunters occasionally frequented the parklands.

MS. OKADA: So in total we have nine seats on our Subsistence Resource Commission. Three are State of Alaska governor appointed. Three are Secretary of Interior appointed. And then three are RAC appointments. And so we currently keep two seats available for Anaktuvuk Pass, because they do utilize Park Service lands. And for the Secretary of Interior appointment, it is currently in process to have an Anaktuvuk Pass resident appointed via that venue. The application was put in before the transition period happened in January, but unfortunately it had not been processed under the old administration, and so it's currently being processed under the new Secretary of Interior appointment process.

 ACTING CHAIR BROWER: And I've got a question. Let's just say we nominated our Anaktuvuk representative. What is to be, not knowing who the other representative, and we nominate Esther Hugo, and the -- who is it -- is it the Interior, Department of Interior actually nominates one Anaktuvuk resident. What if we're nominating one and the same person.

MS. OKADA: I don't want to currently give names on who's application is in process for the Secretary of Interior appointments. We actually have

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two names that we put in. One would be the primary and one -- the other individual would be the alternate. And so there is no overlap with Esther being appointed as a RAC member.

ACTING CHAIR BROWER: And if I may, one other question was we know Anaktuvuk is -- they're there. I mean, they're there. I mean, is there any other community that -- would they have to state themselves, like Point Hope, Atqasuk or Nuiqsut, that they use parklands themselves and determine if they're eligible to be on the Subsistence Resource Commission of the National Park Service?

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MS. OKADA: So currently we have 11 resident zone communities for Gates of the Arctic, and we tend to select applicants who are from those communities. But in addition to that, governor-appointed representatives don't necessarily have to be from resident zone communities. We have two individuals who happen to not be from resident zone communities that are governor appointed. But, yes, we do, and then we also have a governor appointee who has a 13.44 permit to use Gates of the Arctic, because his family has had a long-time homestead just south of the park, and they did utilize resources within the park.

ACTING CHAIR BROWER: All right. I mean, the question just can get really complicated I guess. I was hoping you would say, yeah, Point Hope uses those lands and Wainwright uses those lands. That's how come Sam was nominated before. And I was hoping you would just say that and not go all the way around with a real complicated type of answer.

 MS. OKADA: So the reason why Sam Kunaknana was appointed was he is from Nuiqsut, which is a resident zone community of Gates of the Arctic. The two resident zone communities within the North Slope Borough are Anaktuvuk Pass and Nuiqsut.

ACTING CHAIR BROWER: Very good. Okay. What's the wish of the Council. We need to nominate one of our Regional Subsistence Advisory Council that has a lot of business in the National Park Service parklands. So we need to make nomination. I suggest that we nominate Esther Hugo. She is a RAC member and very well-qualified to serve in the Subsistence Resource Commission for the National Park Service. We

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need to do that by motion. But that's just my recommendation.

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MS. AHTUANGARUAK: Mr. Chair. This is I support Esther in representation. It's very important to have people who are living the lands and waters that are affected by the discussions of the National Park Service use in order to have communication between the (indiscernible -- fading in and out) or impacts that we (indiscernible) park. These are from other people who are not making the (indiscernible) and not completely understand the complexity of what we have to bring to allow our issues and discussions to be heard at the appropriate level, that they need to be heard. I also support Sam Kunaknana in his efforts that have been there. that the complexity of trying to participate, it's not always something that all of the layers of where we are ask to participate allow us to get to provide the discussions that are necessary. So I appreciate Esther coming up and supporting her in this discussion. The discussion has been very effective when working between the community message and Anaktuvuk in providing the layers of information to both communities. And I know that Esther will continue to try to make sure that we truly are effective.

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Thank you.

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ACTING CHAIR BROWER: Thank you,

Rosemary.

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There's a motion on the floor that we select Esther Hugo as the Subsistence Resource Commission representative from the Regional Subsistence Advisory Council, and that motion is on the floor.

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MS. KIPPI: Second the motion.

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ACTING CHAIR BROWER: The motion has been seconded. Any discussion.

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MR. KAYOTUK: Mr. Chair. I believe that it would be appropriate to have like a person, too, from Nuiqsut to follow up on what the SRC do since it's -- since Sam was really on their team, but, you know, it's good to have someone from up in that area, too, to support each other's decisions that's been making on this.

Thank you. 2 ACTING CHAIR BROWER: While on the 3 4 discussion, I appreciate those concerns there, Lee, from Kaktovik. I think Sam has since resigned as he's 5 moved out of the North Slope, and had expressed that. 6 And James Nageak was the last representative from 7 Anaktuvuk on the Regional Subsistence Advisory Council 8 9 and held the position or the Subsistence Resource Commission member from the RAC. And I think if we need 10 to have an alternate there, we'd need to get advice 11 from Marcy as to if there is a need to do something 12 13 like that. 14 So I think the motion that's on the 15 floor is we're selecting Esther Hugo as a 16 17 representative from the North Slope Regional Advisory Council to sit on the Subsistence Resource Commission 18 for the National Park Service. It's been seconded. 19 We're under discussion. 20 21 Any other discussion. 2.2 23 MS. OKADA: I guess my question is to 24 25 Esther whether she would want to be appointed to the Subsistence Resource Commission. 26 27 28 ACTING CHAIR BROWER: Esther, we're under discussion. Are you willing to take up the task 29 where James left off and to be on the Subsistence 30 Resource Commission for National Park Service. 31 32 33 MS. HUGO: I quess I can give it a try. I've got to learn a lot and, you know, I can accept 34 35 that. 36

ACTING CHAIR BROWER: Yeah. It sounds like we have a willing candidate, and the former Subsistence Resource Commission that retired, they live in the same town. I'm pretty sure she'd be able to go get advice from James. (In Inupiaq). Yeah. So, yes, I think under discussion she's willing to give it a try.

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MS. AHTUANGARUAK: Gordon, this Rosemary. (Indiscernible)

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ACTING CHAIR BROWER: Yeah. Rosemary, something's happened to your phone. You sound almost

Page 102 like a little chipmunk right now. And maybe you need 2 to get closer to the mic. 3 4 MS. AHTUANGARUAK: Can you hear me now? 5 6 ACTING CHAIR BROWER: Yeah, go ahead. 7 MS. AHTUANGARUAK: Okay. Yeah, Esther, 8 9 I'll help you in any way. I've getting back to (indiscernible), and I'll go (indiscernible -- fades in 10 and out) what help you can get as far as 11 (indiscernible). 12 13 14 ACTING CHAIR BROWER: Yeah. Thank you, Rosemary. It sounded like you're in support, and then 15 to maybe have continued dialogue with Marcy whether or 16 17 not we need an alternate or something like that, but it became completely garbled at the end. I couldn't make 18 the conversation out. 19 20 Any other discussion. 21 2.2 23 (No comments) 24 25 MS. KIPPI: Question. 26 27 ACTING CHAIR BROWER: Question has been All those approving Esther Hugo as the 28 called for. North Slope Subsistence Regional Advisory Council 29 representative on the Subsistence Resource Commission 30 on the National Park Service signify by saying aye. 31 32 33 IN UNISON: Aye. 34 35 ACTING CHAIR BROWER: We may have lost Rosemary, but I think that's one, two, three, four 36 ayes, and I'm pretty sure Rosemary said aye, but I'm 37 38 not going to say that. She needs to say aye for 39 herself. 40 All those opposed signify by saying no. 41 42 (No negative votes) 43 44 45 ACTING CHAIR BROWER: Hearing none, we 46 have a representative on the Subsistence Resource Commission. 47 48 49 Is that you, Rosemary? 50

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MS. AHTUANGARUAK: Yeah. Can you hear 2 me know? We're picking up real strong winds down here. I may not (indiscernible) too much then. I'm fine. 3 4 5 ACTING CHAIR BROWER: All right. 6 were just voting. We just needed you to say aye if you 7 support Esther Hugo. 8 9 MS. AHTUANGARUAK: Aye. 10 ACTING CHAIR BROWER: All right. 11 have unanimous here that Esther Hugo is now the North 12 Slope Regional Advisory Council representative on the 13 Subsistence Resource Commission on the National Park 14 Service. Congratulations, Esther. 15 16 17 (Applause) 18 19 MS. OKADA: And I'll work with Esther on sharing SRC information and bringing you up to 20 21 speed. 2.2 ACTING CHAIR BROWER: Comes the other 23 question that Lee posed. Do we need an alternate, or 24 is that -- there's other representatives that the 25 Department of Interior Secretary will appoint another 26 27 from the community. 28 29 MS. OKADA: In regards to an Anaktuvuk Pass representative, that's in process. And two 30 applications have been submitted, so both will be 31 32 vetted and processed. 33 ACTING CHAIR BROWER: So we're done 34 35 with what we just accomplished. 36 37 MS. OKADA: Yes. Thank you, Mr. Chair. 38 39 ACTING CHAIR BROWER: All right. Madame Coordinator, next order of business. 40 41 MS. PATTON: Mr. Chair and Council. 42 Now we are on to new business. And we do have under 43 44 new business (A) a wildlife closure review. And Tom Evans will present that information for the Council. 45 And you can find the wildlife closure review briefing 46 47 on Page 21 of your meeting books. 48 49 ACTING CHAIR BROWER: Did we want to

take like a five-minute, but we're going to wrap up in 20 minutes, right? We've got to be closed at 4:00 o'clock?

MS. PATTON: Yeah.

ACTING CHAIR BROWER: And we start at 9:00 a.m. tomorrow?

MS. PATTON: And we start again at 9:00 a.m. and we do have the building as we usually do all the way until 9:00 p.m. tomorrow night if needed.

ACTING CHAIR BROWER: All right. Since we're so close, I think we should -- we've got only 20 minutes, we should let Tom, and keep him awake by letting him do his report. And I apologize if I went on a rant a little earlier about you nodding off and stuff like that. You know, we've -- you've traveled a long ways to go to sleep all right, but we don't want to -- you know, unless we all got to take a nap or something. All right, Tom.

MR. EVANS: Good afternoon, Mr. Chair and members of the Council. I'm a little bit hoarse. I have a cold, so just bear with me.

I'm going to give you a brief overview of the closure review process and then go through the closure review. I think this will be pretty straight forward. As Eva said, the wildlife closure that we're considering is on Page 22 of the RAC meeting book.

OSM reviews wildlife closures every three years to determine if the justification for the closure is still consistent with the Federal Subsistence Board closure policy. Section 804 and 815 of ANILCA allows the Federal Subsistence Board to restrict or close the taking of fish and wildlife by subsistence or non-subsistence users on Federal public lands when necessary for the conservation of healthy fish and wildlife populations, or to continue subsistence uses of such populations. Recognizing that the distribution and abundance of fish and wildlife populations fluctuate, and along with subsistence use patterns, the Board decides in 2007 to conduct closure reviews every three years or earlier if new information becomes available that would potentially allow the closure to be rescinded.

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Councils are asked to consider the OSM preliminary closure recommendation, share their view on the issue and make a recommendation to the Board. Input from the Councils is critical to the development of the regulatory proposals related -- needed to adjust -- needed to address adjustments to the regulations. After the Council reviews the closure review, they have three options which should be given in the form of an action item. Maintain the status quo, modify, or rescind.

If the Council recommends to modify or rescind the closure, then they should submit a proposal, a separate action item at this time. Councils can work with OSM to help draft that proposal if it's needed.

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Okay. Now going with the closure itself. The closure deals with muskox. Hunting on Federal public lands in Unit 26C are closed to the hunting of muskox, except by rural residents from the Village of Kaktovik. Permits are issued to the Village of Kaktovik, will not exceed three percent of the number of muskoxen counted in Unit 26C during precalving census.

The closure was last reviewed in 2012. The muskoxen population in Unit 26C were below the three percent threshold level required to issue Federal registration permits from 2003 to 2007, and from 2009 to 2015.

The State has not had an open season for muskoxen in Unit 26C since regulatory year 1992/92.

From 1987 to 1998 the muskox population in Unit 26C has remained fairly stable with an average population of about 331, but in 2003 the population declined to 29. The decline was caused by low calf survival, increased adult mortality, and migration both to the east and west from Unit 26C out of 26C. Causes of the decline include a variety of factors, which could include weather, predation, primarily brown bears, quality and quantity of winter forage, and disease. In 2008 the population was 44, but in general from 2003 to 2015, the population has remained at very low numbers, approaching zero for most of that time. Currently there are no mixed groups living year around

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Page 106 in Unit 26C. And no muskox have been harvested in Unit 26C since 2009. 2 3 4 So OSM's preliminary recommendation is 5 to maintain the status quo for WCR15-25. 6 7 Any questions. 8 9 ACTING CHAIR BROWER: Yeah, I was trying to follow along, but I couldn't tell where you 10 were, so you're under closure review, 2012, WCR12-26, 11 justification of regional closure. The muskox 12 population below management objectives, and additional 13 harvest would be incompatible with conservation and 14 healthy populations in Unit 26C. 15 16 17 And is that where you left off is on 18 Page 23? 19 20 MR. EVANS: Yeah, I do actually do a summary of my talking points before, but, yeah, that's 21 the closure review we're talking about. 2.2 23 24 ACTING CHAIR BROWER: And this is all Unit 26C from it looks like the Canning River going 25 26 east? 27 It's all 26C, yeah. 28 MR. EVANS: 29 ACTING CHAIR BROWER: Uh-huh. 30 Is that the line right there or is it shaded in this color 31 32 that's 26C? I'm just trying to see where there's..... 33 34 MR. EVANS: Yeah 35 ACTING CHAIR BROWER: .....26, 26A, 36 Which lines differentiate where the cut 37 26B, and 26C. offs are? 38 39 MR. EVANS: So it would be the pink 40 area in your -- no, it would be the area that's on 41 dotted line. 42 43 44 ACTING CHAIR BROWER: The black dotted line? 45 46 47 MR. EVANS: It's red in these 48 regulations. Are you looking at State or Federal 49 regulations? 50

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Federal open season.

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ACTING CHAIR BROWER: Is there a State open season? No? And one of the things that you mentioned was the movement of -- mortality, low calf production, and outward migration. Do you have an estimate of population Slope-wide in different units, or are you concentrating your efforts in the ANWR areas?

MR. EVANS: So, yes, I could get that for you, but I don't have it at hand, because we're focusing just on 26C. The closure's only for 26C, so that's the focus of the analysis right now, but, yeah, we do have numbers. There's populations over in the Seward Pen that are doing fairly well. When the muskox were introduced to.....

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ACTING CHAIR BROWER: I mean, if you could focus population estimates, what's in our jurisdiction? I know there's populations in, you know, Nunivak Island, and, you know, where there's hunts that go on over there. I just want to see what -- because in our area, Ikpikpuk, I see a lot of muskox up there, you know, and that's Unit 26 proper, you know.

MS. KIPPI: Yes. And once in a while they go all the way to the Kuskokwim.

ACTING CHAIR BROWER: But do you know the population and why there's no season. Is it just because it's just a sporadic population, it's too hard to get an estimate, or it's just too vast of an area to establish population in these different units?

MR. EVANS: No, it's not that hard to do. It's because the population's low.

ACTING CHAIR BROWER: I don't have -- any other questions on muskox in Unit 26C.

(No comments)

ACTING CHAIR BROWER: And just for clarity, these are not action items at this point?

MR. EVANS: Yes, this is an action item, so you have to vote whether to accident the status quo, rescind it, or modify it.

ACTING CHAIR BROWER: Any other

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ACTING CHAIR BROWER:

going to do if the wolves kill them all? Can we just

What are you

go kill them all and then we don't have to make any 2 more laws about it? There's only three of them left. 3 4 MR. R. NAGEAK: I go tell my wolf. 5 ACTING CHAIR BROWER: But there's only 6 7 three muskox left. They move, all of them moved to Ikpikpuk, because they're over there. I see them all 8 9 the time. 10 What's the wish of the Council. This 11 is an action item. We need to make a motion to 12 13 recommend status quo or change in regulation to harvest those three. What do you guys want to do. 14 15 16 MR. KAYOTUK: Mr. Chair. 17 18 ACTING CHAIR BROWER: Go ahead, 19 Kaktovik, Lee. 20 MR. KAYOTUK: I think it would be -- if 21 we went for a closure, would be hopefully the 2.2 population will go come back up. Who knows. But, you 23 know, it's just between the boundaries that, you know, 24 maybe one day the muskox will come over and reside back 25 to Alaska. But other than that, I know when we travel 26 like 150 miles, we could spot nothing but nothing for 27 muskox. And it's more towards the demarcation area to 28 Canada where the population is kind of high, very high 29 in that area past the border, but, you know, it's past 30 the border, and you can't really do that. 31 32 33 Thank you. 34 35 ACTING CHAIR BROWER: Thank you, Lee. Just for clarification, I think it's a recommendation 36 from Kaktovik, and they're in this area, and it is 37 their land I would say. They recommend status quo, 38 39 which is keep the hunt closed, and that's the current condition it is in, until such time the rebound of the 40 muskox occurs. 41 42 43 What is your name again? 44 45 MR. TWITCHELL: Hollis Twitchell. 46 ACTING CHAIR BROWER: Hollis, go ahead. 47 48

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MR. TWITCHELL: I'm the assistant

manager for Arctic Refuge, and also one of their pilots, so I get involved on these surveys, both for muskox and for moose, caribou, et cetera, sheep.

I just wanted to refer you over to on Page 42 of your booklet, which is part of Arctic Refuge's reports out, and then on the very bottom we have a brief paragraph that talks about muskox surveys. And although we didn't do a muskox survey in 2016, there was a small group of about 18 to 20 observed along the lower Kongakut River in the summer of 2015, and a group of six, including a radio-collared muskox was seen by Canadian biologists just west of the international border in 2016. However, these groups are thought to be found more usually in Canada. No visitors or Fish and Wildlife Staff reported observing muskox in this summer.

 I travel a lot in that country, and I confirm what Lee had just identified to you, that there are muskox on the Yukon Territories, Canada side of the border. We see them occasionally come over in the summer as described in 2015. I saw that group there that summer, and I looked for them the rest of the summer, and they had returned over to the Canadian side, because they were not to be found on the Alaska side. So they do move back and forth across the border.

Last spring, in April, I flew the moose surveys all along the north side of the Brooks Range, and I was asked to go look for that small group of six, and one of them, the radio-collared, that had crossed over to the Alaska side, which was reported by the Canadian Fish and Wildlife Branch. I flew down the Kongakut River drainage all the way down to its mouth in the Beaufort Sea, all the way over to Demarcation Bay, all the way over to Canada, the Alaska/Canadian boundary, flew up that boundary all the way to the Fortallus (ph) or the Brooks Range, and then westward back over towards the Kaktovik area. And I saw no sign of that group, small group of caribou [sic]. Clearly they came over, but then by April they were no longer seen on the coastal plain.

So there is that egression back and forth periodically, but in terms of muskox, there aren't any that are staying on the Alaska side on a year around basis. So we're sort of in this

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transitional muskox moving back and forth and confirms exactly what Lee was saying.

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ACTING CHAIR BROWER: Yeah. I think these are important dialogue. I think we have the same concern surfaced about moose, and the concern that these were a resident population moose. And some of the area biologists had just concluded some dialogue about the moose being transient. They come from the south, and being able to come and hang out in the north for a while and then they go, and sometimes they don't come back. But periodically they come back and it seems to me that we might have the same kind of situation. Even if the community harvested these. there's already evidence that you're seeing through radio-collared data, that because you're looking out for them, there's Canadian guys are looking at them over there, and they report them to you as they go crossing the border, you better check for passports and go check them out. They don't have the right of entry.

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So it seems like there's that transient nature of these animals that we're trying to regulate, when it should be an opportunistic hunt, because they finally come over. And it seems to me over the course of the 15 years I've been on this RAC, or more, or greater, we've been arguing whether or not they're resident of not. They fluctuate. They go. They come They go back to Canada. They go over the Brooks Range, they come back. And yet we still have a serious limitation on harvesting them. And I think even if we harvested them that the transient nature that is being described, they will come again. And I don't know the population in Canada, if it's in the thousands or in the 50s or only if there's 20 of them over there. But wherever the larger population that they move from should be considered their status. If there's 20,000 of them in the Canadian side, then the harvestable surplus should be calculated from the Canadian side and extrapolated over to the Alaska side. And if it's well within means of harvesting, we should be able to harvest five of them, or something like that.

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I think it's such a -- it's difficult to manage something that's been described, even you're describing, because you fly and do the survey, and you're describing a transient animal that comes in and out.

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MR. TWITCHELL: I do concur with you. You know, the muskox were translocated onto Arctic Refuge and for a number of years -- and did stay on Arctic Refuge lands for a number of years. Over time we saw that population naturally shift both to the west and to the east. So while we had populations that easily met the target numbers to allow harvest opportunities, that changed over time as there was movement off of Arctic refuge lands back to Canada, and farther to the west along the Dalton Highway corridor. So currently we really have at best maybe one or two muskox that are sending any time year around on Arctic Refuge's coastal plain. And that's quite a long ways from the desired of amount before we could have a harvest, which is actually described on Page 26 of your book.

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So at this point, you know, from a conservative standpoint, we're going to want to uphold the closure, because we just don't see an inherent population staying on Arctic Refuge lands. So I guess our recommendation along with the Federal program's is to go ahead and sustain the closure until we see an inmigration in which the population comes onto Arctic Refuge's lands and more or less stay there in terms of the resident population. So just from a conservative standpoint, we would recommend to stay with the closure at this point.

 ACTING CHAIR BROWER: Thank you. And that's good information, Hollis, but, you know, we all got different opinions. And it just seems to me when you just said there's probably only two now, not three, and as muskox in this area. And what if they're both male, and they can't have any babies. How are you going to grow the population with two males.

And the other thing is, when I'm at my cabin, and I come across muskox in the winter, I come across them, their tails are stripped, no fur. It look like wolves been hanging on the tails and trying to get them down. So you're dealing with aggressive predators that go after these muskox, even the big bulls, and I don't -- there needs to be some other mechanism. If you're going to try to regulate them in an area where they're just moving in and out, it seems to be impossible regulatory, other than they should just be there for viewing, like they're visitors.

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That's the kind of concerns that were raised about the moose. There was area biologists that concur that they were transient in nature. Even if they all died, and all the moose ate them all -- or the wolves ate them all, that there would be some more that come down from the south for the moose, because they like to take a little hike and come on over, and somebody decided to call them resident moose.

Anyway, that's just my philosophy, and I think there's some merit to that that's backed up by area biologists in their study of the animal on where it's coming from. And we shouldn't try to regulate those that are just transient and they're visitors. It should be an opportunity when we get an opportunity.

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And I see your point as well where you're hoping they'll stay and become permanent residents, build a cabin or something, and they don't want to go, and they all multiply in numbers to where you'll have a sustained yield principle developed sometime in about 100 years I think, that we'll be able to harvest one.

MR. TWITCHELL: I guess I take a take a lot of guidance from the elders that spoke here about the need to conserve, that we need to make certain that there's an inherent population there that can sustain and can grow. And so I'm really reluctant to know that there is such a limited amount of muskox in this particular region. And I think we need to give them the respect and give them the same sort of traditional knowledge and guidance that we should allow them to inherently grow. And we need to be careful with this population, because it is quite low.

So I understand your concerns and I appreciate that very much, but I think our mandates as an agency is to listen to the elders and do the conservation that's appropriate to ensure that these populations are going to be there for these children or the next generation. So I would really urge you to go ahead and stay with this closure at this time.

Thank you.

ACTING CHAIR BROWER: Just one other question. To what level -- I know back in the 60s or 50s they were transplanted either from Greenland or

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from Victoria Island or somewhere to the United States, because there was little documentaries about that event 2 way back when, when the entire North Slope region and 3 4 maybe entire Alaska was devoid of muskox. They have been extinct in our region. And if you're trying to 5 bring them back, you're really struggling to bring them 6 back because of predators, large predators like grizzly 7 bears, wolves, and other things. It seems to me that 8 9 you need to continue that effort, what you have begun and never finished I think if you want to have a larger 10 population. But you put them in a place where there 11 are a lot of predators. I've seen how muskox act. 12 They will stop and be in front of a grizzly bear as if 13 they can face off with it. And the same thing with 14 wolves. They don't -- for that matter, human being. 15 They like to stand their ground, and a lot of times to 16 17 their own detriment.

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## Anyway.

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23 24 But there is a motion on the floor I think to have status quo, meaning let's continue the conservative measure of not allowing any subsistence hunts and to maintain a closure on the muskox for Unit 26C.

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MR. KAYOTUK: I second it.

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ACTING CHAIR BROWER: There's a second for discussion. Any other discussion on status quo for muskox in Unit 26C. Any other discussion.

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(No comments)

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MS. KIPPI: Question.

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ACTING CHAIR BROWER: The question has been called for. All those in favor of maintaining status quo for muskox in Unit 26 signify by saying aye.

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IN UNISON: Aye.

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ACTING CHAIR BROWER: All those opposed

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(No negative votes)

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 $\,$  ACTING CHAIR BROWER: The ayes have it. We will maintain status quo for muskox in Unit 26C.

49 50 say no.

That's the recommendation from the North Slope Regional Advisory Council.

Being that it's 4:00 o'clock, Madame Coordinator, what's your recommendation.

MS. PATTON: Mr. Chair and Council. We can recess for the day. I know some of our Council members had a very long journey to get here. Again welcome to Wanda and Esther. And we can reconvene tomorrow, if you want to join us. 8:30 we'll have more coffee and pastries in the morning, and a little time to visit, and we'll reconvene the meeting at nine.

As the Council had discussed earlier, we had suggested to take up the all for wildlife proposals first thing in the morning, and we would get caribou updates in advance of the Council deliberating any Federal subsistence wildlife proposals. We'll also have updates on actions that Board of Game took that will help.

ACTING CHAIR BROWER: Yeah. Eva, did you say Steve will be in person, or is he going to teleconference tomorrow?

MS. PATTON: Steve will be teleconferencing tomorrow. He'll be in Anchorage. He won't be able to make it all the way up here, but he'll be able to call by teleconference to participate for the entire meeting tomorrow. So that will be great for Steve to be able to hear those updates as well.

ACTING CHAIR BROWER: All right. All those that want to recess until 9:00 o'clock tomorrow signify by saying aye.

IN UNISON: Aye.

ACTING CHAIR BROWER: All those opposed, you can stay here.

(Laughter)

ACTING CHAIR BROWER: All right. We're at recess until 9:00 o'clock tomorrow.

If you're visiting, be reminded polar bears are roaming around, we're not kidding around.

Page 117 The ice packed down there, and there have been reports of polar bears trying to eat somebody's skin boat by 2 their house. But if you're a polar bear enthusiast, 3 get in the car and you might see one, you know. 4 5 6 MS. PATTON: Council. Yes, so if you want to take your meeting books with you, or anything 7 that you'd like to read tonight, take that with you. 8 9 Otherwise I'll carefully pack up your materials and put it back tomorrow morning for you. And we..... 10 11 ACTING CHAIR BROWER: We can leave it 12 13 here, too, right, if we don't want to read. 14 MS. PATTON: And actually I do have a 15 handout to send with you tonight. We have an overview 16 17 on the Western Arctic Caribou Herd, which is a nice refresher on where the herd's status is from the fall 18 meeting that the Council received. So I'll send that 19 back with you. We do have truck, we can give Council 20 members a ride back to the hotel if you want a ride. 21 2.2 23 ACTING CHAIR BROWER: All right. 24 25 We're recessed until tomorrow. 26 27 (Off record) 28 (PROCEEDINGS TO BE CONTINUED) 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

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